

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085876.D
 Acq On : 26 Feb 2025 17:09
 Operator : JC\MD
 Sample : Q1421-05MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MS

Quant Time: Feb 26 23:07:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	267945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	447222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	395097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	197597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161156	46.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.780%		
35) Dibromofluoromethane	8.159	113	141996	48.522	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	10.565	98	510198	47.919	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.840%		
62) 4-Bromofluorobenzene	12.847	95	181956	51.869	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	148624	40.779	ug/l	99
3) Chloromethane	2.359	50	152770	41.773	ug/l	100
4) Vinyl Chloride	2.512	62	163386	42.194	ug/l	96
5) Bromomethane	2.948	94	100335	40.523	ug/l	98
6) Chloroethane	3.118	64	105625	41.181	ug/l	100
7) Trichlorofluoromethane	3.495	101	231027	41.208	ug/l	97
8) Diethyl Ether	3.959	74	87274	48.112	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	135987	41.962	ug/l	98
10) Methyl Iodide	4.589	142	185129	46.344	ug/l	99
11) Tert butyl alcohol	5.518	59	105645	247.265	ug/l	99
12) 1,1-Dichloroethene	4.342	96	131169	44.640	ug/l	98
13) Acrolein	4.177	56	139709	220.503	ug/l	98
14) Allyl chloride	5.018	41	172310	44.665	ug/l	94
15) Acrylonitrile	5.718	53	355753	256.127	ug/l	99
16) Acetone	4.424	43	306006	278.395	ug/l	96
17) Carbon Disulfide	4.712	76	326672	37.512	ug/l	100
18) Methyl Acetate	5.024	43	189184	50.040	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	444552	50.913	ug/l	99
20) Methylene Chloride	5.277	84	169406	47.925	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	135624	42.865	ug/l	92
22) Diisopropyl ether	6.671	45	441967	50.700	ug/l	97
23) Vinyl Acetate	6.600	43	1429563	239.509	ug/l	99
24) 1,1-Dichloroethane	6.571	63	271089	45.746	ug/l	98
25) 2-Butanone	7.477	43	423433	261.848	ug/l	100
26) 2,2-Dichloropropane	7.488	77	206206	39.133	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	169755	46.273	ug/l	98
28) Bromochloromethane	7.812	49	129172	53.035	ug/l	99
29) Tetrahydrofuran	7.835	42	276604	264.888	ug/l	98
30) Chloroform	7.965	83	284050	45.868	ug/l	95
31) Cyclohexane	8.253	56	190007	38.295	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	237977	43.205	ug/l	96
36) 1,1-Dichloropropene	8.371	75	177111	42.763	ug/l	99
37) Ethyl Acetate	7.559	43	168068	49.311	ug/l	99
38) Carbon Tetrachloride	8.359	117	210041	42.682	ug/l	96
39) Methylcyclohexane	9.600	83	170248	41.843	ug/l	99
40) Benzene	8.606	78	605953	45.649	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085876.D
 Acq On : 26 Feb 2025 17:09
 Operator : JC\MD
 Sample : Q1421-05MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-CLAY-CF01-01MS

Quant Time: Feb 26 23:07:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	89170	48.940	ug/l	92
42) 1,2-Dichloroethane	8.665	62	193711	44.801	ug/l	98
43) Isopropyl Acetate	8.688	43	278996	46.605	ug/l	97
44) Trichloroethene	9.347	130	136865	41.993	ug/l	97
45) 1,2-Dichloropropane	9.618	63	153228	47.822	ug/l	99
46) Dibromomethane	9.706	93	104333	46.163	ug/l	97
47) Bromodichloromethane	9.888	83	224295	46.386	ug/l	98
48) Methyl methacrylate	9.676	41	127629	50.422	ug/l	94
49) 1,4-Dioxane	9.688	88	54900	1140.553	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	884723	269.232	ug/l	98
52) Toluene	10.629	92	371965	47.803	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	217799	48.711	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	238897	48.725	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	149713	48.392	ug/l	99
56) Ethyl methacrylate	10.871	69	226879	50.892	ug/l	96
57) 1,3-Dichloropropane	11.159	76	254385	49.256	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	546594	296.664	ug/l	99
59) 2-Hexanone	11.194	43	640888	283.496	ug/l	98
60) Dibromochloromethane	11.359	129	179515	49.831	ug/l	99
61) 1,2-Dibromoethane	11.465	107	143894	49.226	ug/l	99
64) Tetrachloroethene	11.100	164	137245	44.839	ug/l	95
65) Chlorobenzene	11.888	112	403619	44.593	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	152348	46.829	ug/l	98
67) Ethyl Benzene	11.959	91	666583	47.015	ug/l	98
68) m/p-Xylenes	12.070	106	534279	99.206	ug/l	99
69) o-Xylene	12.394	106	252857	49.409	ug/l	98
70) Styrene	12.406	104	438422	46.395	ug/l	100
71) Bromoform	12.576	173	121387	50.214	ug/l #	97
73) Isopropylbenzene	12.694	105	614855	45.419	ug/l	98
74) N-amyl acetate	12.494	43	237651	49.782	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	210652	45.220	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	193123m	43.999	ug/l	
77) Bromobenzene	12.976	156	165508	45.253	ug/l	98
78) n-propylbenzene	13.035	91	718983	46.376	ug/l	100
79) 2-Chlorotoluene	13.123	91	464454	44.838	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	532554	48.294	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	79181	52.635	ug/l	87
82) 4-Chlorotoluene	13.217	91	468829	45.655	ug/l	100
83) tert-Butylbenzene	13.435	119	445404	48.032	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	537124	49.232	ug/l	99
85) sec-Butylbenzene	13.612	105	595269	45.434	ug/l	100
86) p-Isopropyltoluene	13.729	119	502099	42.428	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	297460	43.411	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	295472	42.072	ug/l	100
89) n-Butylbenzene	14.053	91	400109	43.012	ug/l	98
90) Hexachloroethane	14.329	117	100795	40.621	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	291198	44.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37710	44.084	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	135659	43.206	ug/l	99
94) Hexachlorobutadiene	15.500	225	67633	35.444	ug/l	99
95) Naphthalene	15.641	128	413709	47.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	134918	42.802	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
Data File : VN085876.D
Acq On : 26 Feb 2025 17:09
Operator : JC\MD
Sample : Q1421-05MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 26 23:07:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
Data File : VN085876.D
Acq On : 26 Feb 2025 17:09
Operator : JC\MD
Sample : Q1421-05MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P001-CLAY-CF01-01MS

Quant Time: Feb 26 23:07:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

