Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
Data File : VN085877.D
Acq On : 26 Feb 2025 17:33
Operator : JC\MD
Sample : Q1421-06MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 26 23:10:45 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

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

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	275367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	457023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	400922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	196698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170610	47.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.580%			
35) Dibromofluoromethane	8.165	113	153710	51.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	10.565	98	549151	50.471	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.940%			
62) 4-Bromofluorobenzene	12.847	95	192469	53.689	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	158009	42.186	ug/l	98
3) Chloromethane	2.359	50	164109	43.664	ug/l	99
4) Vinyl Chloride	2.512	62	174070	43.742	ug/l	98
5) Bromomethane	2.947	94	109718	43.119	ug/l	97
6) Chloroethane	3.118	64	112021	42.498	ug/l	98
7) Trichlorofluoromethane	3.495	101	247664	42.985	ug/l	99
8) Diethyl Ether	3.959	74	95806	51.392	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	143849	43.192	ug/l	99
10) Methyl Iodide	4.589	142	200812	48.915	ug/l	99
11) Tert butyl alcohol	5.518	59	113953	259.521	ug/l	100
12) 1,1-Dichloroethene	4.342	96	137005	45.369	ug/l	98
13) Acrolein	4.177	56	144289	221.594	ug/l	99
14) Allyl chloride	5.024	41	181523	45.784	ug/l	94
15) Acrylonitrile	5.712	53	375587	263.118	ug/l	100
16) Acetone	4.424	43	321913	284.973	ug/l	96
17) Carbon Disulfide	4.712	76	352647	39.403	ug/l	99
18) Methyl Acetate	5.018	43	200414	51.582	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	487845	54.365	ug/l	98
20) Methylene Chloride	5.271	84	178935	49.256	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	145652	44.794	ug/l	94
22) Diisopropyl ether	6.671	45	470855	52.558	ug/l	97
23) Vinyl Acetate	6.600	43	1540456	251.132	ug/l	99
24) 1,1-Dichloroethane	6.571	63	290560	47.711	ug/l	99
25) 2-Butanone	7.477	43	445696	268.187	ug/l	98
26) 2,2-Dichloropropane	7.488	77	219066	40.453	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	181839	48.231	ug/l	98
28) Bromochloromethane	7.812	49	133442	53.311	ug/l	98
29) Tetrahydrofuran	7.835	42	294659	274.573	ug/l	99
30) Chloroform	7.965	83	305269	47.966	ug/l	99
31) Cyclohexane	8.253	56	205643	40.329	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	256231	45.265	ug/l	98
36) 1,1-Dichloropropene	8.371	75	191621	45.274	ug/l	99
37) Ethyl Acetate	7.559	43	177805	51.049	ug/l	98
38) Carbon Tetrachloride	8.359	117	223297	44.402	ug/l	96
39) Methylcyclohexane	9.600	83	186159	44.772	ug/l	98
40) Benzene	8.606	78	647177	47.709	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
Data File : VN085877.D
Acq On : 26 Feb 2025 17:33
Operator : JC\MD
Sample : Q1421-06MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Feb 26 23:10:45 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)
41) Methacrylonitrile	7.777	41	96310	51.725	ug/l		93
42) 1,2-Dichloroethane	8.665	62	206974	46.842	ug/l		98
43) Isopropyl Acetate	8.682	43	300996	49.233	ug/l		97
44) Trichloroethene	9.347	130	150087	45.062	ug/l		96
45) 1,2-Dichloropropane	9.618	63	163473	49.925	ug/l		97
46) Dibromomethane	9.706	93	113805	49.274	ug/l		100
47) Bromodichloromethane	9.882	83	240797	48.731	ug/l		100
48) Methyl methacrylate	9.676	41	139987	54.118	ug/l		96
49) 1,4-Dioxane	9.694	88	56400	1146.587	ug/l		99
51) 4-Methyl-2-Pentanone	10.441	43	926967	276.038	ug/l		98
52) Toluene	10.629	92	398144	50.070	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	236982	51.865	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	253027	50.500	ug/l		94
55) 1,1,2-Trichloroethane	11.012	97	160579	50.791	ug/l		98
56) Ethyl methacrylate	10.871	69	242620	52.985	ug/l		97
57) 1,3-Dichloropropane	11.159	76	272026	51.543	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	533138	286.849	ug/l		99
59) 2-Hexanone	11.194	43	677650	293.330	ug/l		97
60) Dibromochloromethane	11.359	129	192939	52.409	ug/l		98
61) 1,2-Dibromoethane	11.465	107	155400	52.022	ug/l		99
64) Tetrachloroethene	11.100	164	147352	47.442	ug/l		98
65) Chlorobenzene	11.888	112	431696	47.003	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.959	131	160756	48.696	ug/l		99
67) Ethyl Benzene	11.959	91	718249	49.923	ug/l		100
68) m/p-Xylenes	12.070	106	569298	104.173	ug/l		98
69) o-Xylene	12.394	106	271975	52.373	ug/l		100
70) Styrene	12.406	104	472506	48.999	ug/l		100
71) Bromoform	12.576	173	128846	52.526	ug/l	#	98
73) Isopropylbenzene	12.694	105	658940	48.898	ug/l		99
74) N-amyl acetate	12.494	43	252799	53.197	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	221941	47.862	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	207118m	47.403	ug/l		
77) Bromobenzene	12.976	156	175211	48.125	ug/l		97
78) n-propylbenzene	13.035	91	764927	49.565	ug/l		99
79) 2-Chlorotoluene	13.123	91	486286	47.160	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	563140	51.301	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	82268	54.937	ug/l		89
82) 4-Chlorotoluene	13.217	91	498020	48.719	ug/l		100
83) tert-Butylbenzene	13.435	119	462735	50.129	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	566970	52.205	ug/l		100
85) sec-Butylbenzene	13.612	105	636060	48.769	ug/l		100
86) p-Isopropyltoluene	13.729	119	534597	45.143	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	314600	46.122	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	314327	44.961	ug/l		99
89) n-Butylbenzene	14.053	91	431407	46.589	ug/l		99
90) Hexachloroethane	14.329	117	109579	44.363	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	308517	47.036	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39367	46.232	ug/l		96
93) 1,2,4-Trichlorobenzene	15.388	180	150283	48.083	ug/l		100
94) Hexachlorobutadiene	15.500	225	73597	38.745	ug/l		99
95) Naphthalene	15.635	128	464220	54.100	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	147055	46.866	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
Data File : VN085877.D
Acq On : 26 Feb 2025 17:33
Operator : JC\MD
Sample : Q1421-06MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Feb 26 23:10:45 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 : VN085877.D
Acq On : 26 Feb 2025 17:33
Operator : JC\MD
Sample : Q1421-06MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 26 23:10:45 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

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

Manual Integrations APPROVED

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