

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085806.D
 Acq On : 21 Feb 2025 16:39
 Operator : JC\MD
 Sample : VN0221WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 02:36:40 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	271259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	440205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	391453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	190177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	187122	53.208	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	8.165	113	158099	54.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.780%			
50) Toluene-d8	10.565	98	574729	54.840	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.680%			
62) 4-Bromofluorobenzene	12.847	95	193245	55.965	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	72907	19.760	ug/l	98
3) Chloromethane	2.359	50	73289	19.795	ug/l	100
4) Vinyl Chloride	2.512	62	76187	19.435	ug/l	98
5) Bromomethane	2.965	94	49048	19.568	ug/l	98
6) Chloroethane	3.124	64	48232	18.575	ug/l	99
7) Trichlorofluoromethane	3.501	101	111292	19.609	ug/l	98
8) Diethyl Ether	3.959	74	38414	20.918	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	65751	20.041	ug/l	99
10) Methyl Iodide	4.589	142	81570	20.170	ug/l	98
11) Tert butyl alcohol	5.518	59	48207	111.451	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	57011	19.165	ug/l	98
13) Acrolein	4.177	56	82636	128.831	ug/l	98
14) Allyl chloride	5.024	41	76082	19.480	ug/l	97
15) Acrylonitrile	5.718	53	160179	113.913	ug/l	99
16) Acetone	4.418	43	121291	108.999	ug/l	100
17) Carbon Disulfide	4.712	76	162965	18.485	ug/l	99
18) Methyl Acetate	5.024	43	85060	22.224	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	189648	21.454	ug/l	100
20) Methylene Chloride	5.271	84	72446	20.245	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	62389	19.478	ug/l	95
22) Diisopropyl ether	6.665	45	193433	21.919	ug/l	97
23) Vinyl Acetate	6.600	43	639849	105.891	ug/l	99
24) 1,1-Dichloroethane	6.565	63	122072	20.348	ug/l	96
25) 2-Butanone	7.477	43	186737	114.066	ug/l	99
26) 2,2-Dichloropropane	7.489	77	104904	19.665	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	74582	20.082	ug/l	98
28) Bromochloromethane	7.812	49	53063	21.520	ug/l	99
29) Tetrahydrofuran	7.836	42	126040	119.227	ug/l	100
30) Chloroform	7.965	83	129995	20.735	ug/l	100
31) Cyclohexane	8.253	56	89560	17.830	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	113478	20.350	ug/l	98
36) 1,1-Dichloropropene	8.371	75	83235	20.417	ug/l	99
37) Ethyl Acetate	7.559	43	76789	22.889	ug/l	99
38) Carbon Tetrachloride	8.359	117	99656	20.574	ug/l	97
39) Methylcyclohexane	9.594	83	75003	18.728	ug/l	99
40) Benzene	8.600	78	275128	21.057	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085806.D
 Acq On : 21 Feb 2025 16:39
 Operator : JC\MD
 Sample : VN0221WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 02:36:40 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	7.771	41	41524	23.153	ug/l	95
42) 1,2-Dichloroethane	8.665	62	92611	21.760	ug/l	100
43) Isopropyl Acetate	8.683	43	127187	21.288	ug/l	98
44) Trichloroethene	9.347	130	64358	20.061	ug/l	97
45) 1,2-Dichloropropane	9.618	63	67925	21.537	ug/l	99
46) Dibromomethane	9.706	93	49856	22.411	ug/l	99
47) Bromodichloromethane	9.882	83	102783	21.595	ug/l	98
48) Methyl methacrylate	9.677	41	56086	22.511	ug/l	98
49) 1,4-Dioxane	9.688	88	23234	490.383	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	393967	121.800	ug/l	99
52) Toluene	10.624	92	166730	21.769	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	96228	21.865	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	104771	21.709	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	67318	22.106	ug/l	100
56) Ethyl methacrylate	10.871	69	89110	21.999	ug/l	98
57) 1,3-Dichloropropane	11.159	76	112757	22.181	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	190639	129.233	ug/l	99
59) 2-Hexanone	11.194	43	280978	126.272	ug/l	99
60) Dibromochloromethane	11.359	129	79166	22.326	ug/l	100
61) 1,2-Dibromoethane	11.465	107	64832	22.533	ug/l	100
64) Tetrachloroethene	11.100	164	60599	19.983	ug/l	96
65) Chlorobenzene	11.888	112	183284	20.438	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	68630	21.292	ug/l	98
67) Ethyl Benzene	11.959	91	286448	20.392	ug/l	97
68) m/p-Xylenes	12.071	106	231727	43.428	ug/l	100
69) o-Xylene	12.394	106	104847	20.678	ug/l	98
70) Styrene	12.406	104	181737	20.738	ug/l	99
71) Bromoform	12.576	173	53324	22.264	ug/l #	97
73) Isopropylbenzene	12.694	105	260408	19.987	ug/l	99
74) N-amyl acetate	12.488	43	98648	21.471	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	95362	21.270	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	84704m	20.051	ug/l	
77) Bromobenzene	12.976	156	73094	20.765	ug/l	97
78) n-propylbenzene	13.029	91	313650	21.020	ug/l	99
79) 2-Chlorotoluene	13.123	91	201377	20.199	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	227305	21.417	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	30218	20.871	ug/l	98
82) 4-Chlorotoluene	13.218	91	209124	21.159	ug/l	99
83) tert-Butylbenzene	13.435	119	178799	20.034	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	226066	21.529	ug/l	100
85) sec-Butylbenzene	13.612	105	258461	20.497	ug/l	100
86) p-Isopropyltoluene	13.729	119	213734	19.811	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	134299	20.364	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	130093	19.247	ug/l	99
89) n-Butylbenzene	14.053	91	167026	18.656	ug/l	98
90) Hexachloroethane	14.329	117	46008	19.265	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	129302	20.389	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16909	20.538	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	56095	18.563	ug/l	98
94) Hexachlorobutadiene	15.494	225	30441	16.575	ug/l	100
95) Naphthalene	15.641	128	151232	18.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	57280	18.881	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
Data File : VN085806.D
Acq On : 21 Feb 2025 16:39
Operator : JC\MD
Sample : VN0221WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 02:36:40 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

