

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069453.D
 Acq On : 11 Nov 2021 13:15
 Operator : JC/MD
 Sample : VN1111WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:15:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	980089	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1633913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1514775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	659574	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.437	65	747526	52.603	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.200%	
35) Dibromofluoromethane	8.021	113	516008	52.656	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.320%	
50) Toluene-d8	10.443	98	2060830	53.471	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.940%	
62) 4-Bromofluorobenzene	12.734	95	724458	51.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.340%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.073	85	221570	21.161	ug/l	98
3) Chloromethane	2.303	50	240832	19.833	ug/l	97
4) Vinyl Chloride	2.446	62	249548	20.524	ug/l	99
5) Bromomethane	2.856	94	160610	20.339	ug/l	97
6) Chloroethane	3.019	64	165963	20.222	ug/l	98
7) Trichlorofluoromethane	3.374	101	386811	20.584	ug/l	95
8) Diethyl Ether	3.824	74	125113	20.578	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	181956	20.556	ug/l	93
10) Methyl Iodide	4.417	142	206649	19.034	ug/l	97
11) Tert butyl alcohol	5.382	59	242332	94.634	ug/l	# 88
12) 1,1-Dichloroethene	4.178	96	159472	20.076	ug/l	87
13) Acrolein	4.041	56	31479	82.377	ug/l	94
14) Allyl chloride	4.841	41	344895	19.638	ug/l	95
15) Acrylonitrile	5.554	53	651459	99.345	ug/l	97
16) Acetone	4.291	43	690073	90.002	ug/l	94
17) Carbon Disulfide	4.524	76	338786	18.043	ug/l	99
18) Methyl Acetate	4.857	43	486294	19.511	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	697887	20.759	ug/l	96
20) Methylene Chloride	5.095	84	213114	19.601	ug/l	88
21) trans-1,2-Dichloroethene	5.600	96	179527	20.234	ug/l	89
22) Diisopropyl ether	6.501	45	787317	20.811	ug/l	94
23) Vinyl Acetate	6.436	43	2999151	102.498	ug/l	95
24) 1,1-Dichloroethane	6.383	63	395029	20.500	ug/l	99
25) 2-Butanone	7.337	43	1005710	96.869	ug/l	92
26) 2,2-Dichloropropane	7.327	77	292036	19.370	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	228291	20.756	ug/l	89
28) Bromochloromethane	7.657	49	205772	20.853	ug/l	# 80
29) Tetrahydrofuran	7.689	42	657563	103.207	ug/l	90
30) Chloroform	7.818	83	414666	20.991	ug/l	98
31) Cyclohexane	8.094	56	384590	19.809	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	338106	20.505	ug/l	96
36) 1,1-Dichloropropene	8.220	75	293894	21.377	ug/l	96
37) Ethyl Acetate	7.415	43	401727	21.616	ug/l	96
38) Carbon Tetrachloride	8.206	117	271190	20.431	ug/l	98
39) Methylcyclohexane	9.459	83	346124	20.238	ug/l	92
40) Benzene	8.461	78	898075	21.163	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069453.D
 Acq On : 11 Nov 2021 13:15
 Operator : JC/MD
 Sample : VN1111WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:15:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	189086	19.690	ug/l	92
42) 1,2-Dichloroethane	8.531	62	356239	21.439	ug/l	97
43) Isopropyl Acetate	8.563	43	626079	20.973	ug/l #	94
44) Trichloroethene	9.218	130	212410	20.914	ug/l	91
45) 1,2-Dichloropropane	9.491	63	240194	21.185	ug/l	98
46) Dibromomethane	9.580	93	158283	20.843	ug/l	91
47) Bromodichloromethane	9.762	83	297214	20.973	ug/l	99
48) Methyl methacrylate	9.561	41	277665	19.771	ug/l	93
49) 1,4-Dioxane	9.572	88	106330	406.170	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	2050555	106.422	ug/l	95
52) Toluene	10.508	92	553619	20.941	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	297969	18.837	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	327936	18.975	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	227448	21.343	ug/l	98
56) Ethyl methacrylate	10.762	69	363605	19.414	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	397113	21.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	351969	84.720	ug/l	92
59) 2-Hexanone	11.087	43	1461736	94.936	ug/l	93
60) Dibromochloromethane	11.240	129	201895	18.843	ug/l	98
61) 1,2-Dibromoethane	11.347	107	224674	19.554	ug/l	99
64) Tetrachloroethene	10.977	164	194283	21.242	ug/l	94
65) Chlorobenzene	11.771	112	592756	21.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	208929	21.364	ug/l	99
67) Ethyl Benzene	11.846	91	1099376	21.141	ug/l	96
68) m/p-Xylenes	11.953	106	821726	42.965	ug/l	96
69) o-Xylene	12.280	106	401831	21.075	ug/l	93
70) Styrene	12.296	104	650679	19.950	ug/l	96
71) Bromoform	12.457	173	135080	18.245	ug/l #	99
73) Isopropylbenzene	12.581	105	1071020	20.394	ug/l	97
74) N-amyl acetate	12.390	43	444667	19.980	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	354191	19.997	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	331388m	21.771	ug/l	
77) Bromobenzene	12.862	156	239878	19.972	ug/l	81
78) n-propylbenzene	12.921	91	1220045	20.647	ug/l	96
79) 2-Chlorotoluene	13.007	91	748110	20.447	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	874278	20.593	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	73520	18.501	ug/l #	81
82) 4-Chlorotoluene	13.106	91	709141	20.332	ug/l	94
83) tert-Butylbenzene	13.324	119	768112	20.646	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	850831	20.759	ug/l	97
85) sec-Butylbenzene	13.503	105	1067659	20.543	ug/l	98
86) p-Isopropyltoluene	13.616	119	852567	20.665	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	425464	20.432	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	418254	20.475	ug/l	97
89) n-Butylbenzene	13.943	91	676766	19.671	ug/l	98
90) Hexachloroethane	14.211	117	127594	18.260	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	417445	21.068	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	58262	18.854	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	174047	18.834	ug/l	98
94) Hexachlorobutadiene	15.370	225	106860	20.756	ug/l	98
95) Naphthalene	15.509	128	436239	18.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	169416	19.153	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
Data File : VN069453.D
Acq On : 11 Nov 2021 13:15
Operator : JC/MD
Sample : VN1111WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:15:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

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

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

