

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069563.D
 Acq On : 18 Nov 2021 19:33
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Nov 19 04:51:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:51:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	2293671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	3986927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	3809273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1369554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1725062	51.871	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.740%			
35) Dibromofluoromethane	8.024	113	1184501	49.536	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.080%			
50) Toluene-d8	10.443	98	4965252	52.797	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.600%			
62) 4-Bromofluorobenzene	12.733	95	1691963	48.973	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	8661	0.353	ug/l	97
3) Chloromethane	2.306	50	13011	0.458	ug/l	95
4) Vinyl Chloride	2.448	62	10953	0.385	ug/l	93
5) Bromomethane	2.858	94	8430	0.456	ug/l #	71
6) Chloroethane	3.027	64	8045	0.419	ug/l	89
7) Trichlorofluoromethane	3.371	101	17460m	0.397	ug/l	
8) Diethyl Ether	3.832	74	5012	0.352	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.199	101	7757m	0.374	ug/l	
10) Methyl Iodide	4.417	142	6432	0.253	ug/l #	64
11) Tert butyl alcohol	5.401	59	17258m	2.880	ug/l	
12) 1,1-Dichloroethene	4.183	96	7525	0.405	ug/l #	88
13) Acrolein	4.049	56	3094m	3.286	ug/l	
14) Allyl chloride	4.840	41	10477	0.255	ug/l #	79
15) Acrylonitrile	5.562	53	25017	1.630	ug/l #	67
16) Acetone	4.299	43	33846	1.886	ug/l	96
17) Carbon Disulfide	4.529	76	13926	0.317	ug/l #	94
18) Methyl Acetate	4.867	43	25894	0.444	ug/l #	68
19) Methyl tert-butyl Ether	5.629	73	28813	0.366	ug/l	100
20) Methylene Chloride	5.092	84	17466m	0.686	ug/l	
21) trans-1,2-Dichloroethene	5.599	96	7706m	0.371	ug/l	
22) Diisopropyl ether	6.492	45	28989	0.327	ug/l #	89
23) Vinyl Acetate	6.439	43	98570m	1.439	ug/l	
24) 1,1-Dichloroethane	6.396	63	16676	0.370	ug/l	97
25) 2-Butanone	7.348	43	41085	1.691	ug/l #	86
26) 2,2-Dichloropropane	7.332	77	11253	0.319	ug/l #	74
27) cis-1,2-Dichloroethene	7.332	96	10503m	0.408	ug/l	
28) Bromochloromethane	7.664	49	10649	0.461	ug/l	83
29) Tetrahydrofuran	7.699	42	25455	1.707	ug/l #	85
30) Chloroform	7.823	83	18297	0.396	ug/l	97
31) Cyclohexane	8.088	56	76506	1.684	ug/l #	53
32) 1,1,1-Trichloroethane	8.013	97	13953	0.362	ug/l #	45
36) 1,1-Dichloropropene	8.222	75	10776	0.321	ug/l	98
37) Ethyl Acetate	7.415	43	15724m	0.347	ug/l	
38) Carbon Tetrachloride	8.204	117	11722	0.362	ug/l #	86
39) Methylcyclohexane	9.461	83	14769	0.354	ug/l	86
40) Benzene	8.466	78	40217	0.388	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069563.D
 Acq On : 18 Nov 2021 19:33
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Nov 19 04:51:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:51:32 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.651	41	10143m	0.433	ug/l	
42) 1,2-Dichloroethane	8.533	62	19327	0.477	ug/l	87
43) Isopropyl Acetate	8.566	43	23152	0.318	ug/l #	85
44) Trichloroethene	9.215	130	10604	0.428	ug/l	97
45) 1,2-Dichloropropane	9.496	63	10518m	0.380	ug/l	
46) Dibromomethane	9.579	93	5918	0.319	ug/l	95
47) Bromodichloromethane	9.759	83	11998	0.347	ug/l	85
48) Methyl methacrylate	9.558	41	8803	0.257	ug/l	95
49) 1,4-Dioxane	9.571	88	3449m	5.643	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	72372	1.539	ug/l	94
52) Toluene	10.507	92	24769	0.384	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	9658	0.267	ug/l #	82
54) cis-1,3-Dichloropropene	10.191	75	11198	0.284	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	9967	0.383	ug/l	93
56) Ethyl methacrylate	10.759	69	12624	0.293	ug/l	90
57) 1,3-Dichloropropane	11.046	76	15788	0.346	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.043	63	13521	1.355	ug/l	91
59) 2-Hexanone	11.089	43	48512	1.385	ug/l	88
60) Dibromochloromethane	11.245	129	6000	0.247	ug/l	89
61) 1,2-Dibromoethane	11.352	107	9031	0.343	ug/l	97
64) Tetrachloroethene	10.979	164	8977	0.390	ug/l	95
65) Chlorobenzene	11.768	112	25943	0.366	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.843	131	6417	0.261	ug/l #	60
67) Ethyl Benzene	11.846	91	42448	0.325	ug/l	97
68) m/p-Xylenes	11.953	106	27415	0.570	ug/l	89
69) o-Xylene	12.280	106	14972	0.312	ug/l	89
70) Styrene	12.296	104	21938	0.285	ug/l	97
71) Bromoform	12.457	173	4255	0.242	ug/l #	29
73) Isopropylbenzene	12.580	105	37830	0.347	ug/l	99
74) N-amyl acetate	12.393	43	11536	0.250	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	14325	0.390	ug/l	95
76) 1,2,3-Trichloropropane	12.884	75	10597m	0.335	ug/l	
77) Bromobenzene	12.859	156	8975	0.360	ug/l	79
78) n-propylbenzene	12.921	91	41209	0.336	ug/l	98
79) 2-Chlorotoluene	13.007	91	23126	0.304	ug/l	93
80) 1,3,5-Trimethylbenzene	13.063	105	27985	0.317	ug/l	98
82) 4-Chlorotoluene	13.106	91	19737	0.273	ug/l	93
83) tert-Butylbenzene	13.326	119	23475	0.304	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	27049	0.318	ug/l	97
85) sec-Butylbenzene	13.500	105	28427	0.263	ug/l	98
86) p-Isopropyltoluene	13.618	119	20861	0.244	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	13961	0.323	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	15239m	0.359	ug/l	
89) n-Butylbenzene	13.943	91	17975	0.252	ug/l	97
90) Hexachloroethane	14.217	117	3939	0.280	ug/l	74
91) 1,2-Dichlorobenzene	13.991	146	14109	0.343	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1715	0.289	ug/l #	44
93) 1,2,4-Trichlorobenzene	15.268	180	4341	0.239	ug/l #	91
94) Hexachlorobutadiene	15.370	225	2872	0.269	ug/l	98
95) Naphthalene	15.509	128	19555	0.402	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	3962	0.228	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069563.D
 Acq On : 18 Nov 2021 19:33
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 LOQ-WATER-02-QT4-2021

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

Quant Time: Nov 19 04:51:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:51:32 2021
 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\VN111821\
Data File : VN069563.D
Acq On : 18 Nov 2021 19:33
Operator : JC/MD
Sample : M4068-08 1.0PPB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Quant Time: Nov 19 04:51:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 19 04:51:32 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

