

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069754.D
 Acq On : 4 Dec 2021 7:20
 Operator : JC/MD
 Sample : M4919-04MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MS

Quant Time: Dec 04 08:26:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1067951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1802878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1684242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	725949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	833395	50.542	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.080%			
35) Dibromofluoromethane	8.021	113	569588	50.438	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.880%			
50) Toluene-d8	10.440	98	2248913	49.596	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.200%			
62) 4-Bromofluorobenzene	12.731	95	820120	49.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	645161	51.795	ug/l	99
3) Chloromethane	2.306	50	823133	52.748	ug/l	99
4) Vinyl Chloride	2.448	62	712988	49.689	ug/l #	1
5) Bromomethane	2.856	94	344076	44.138	ug/l	99
6) Chloroethane	3.022	64	601666	68.427	ug/l	92
7) Trichlorofluoromethane	3.379	101	922033	48.960	ug/l	98
8) Diethyl Ether	3.824	74	372202	51.316	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	523941	49.632	ug/l	96
10) Methyl Iodide	4.422	142	695925	48.256	ug/l	97
11) Tert butyl alcohol	5.371	59	579993	186.083	ug/l	100
12) 1,1-Dichloroethene	4.181	96	511830	50.314	ug/l	89
13) Acrolein	4.041	56	494585	186.335	ug/l	100
14) Allyl chloride	4.843	41	1042575	45.482	ug/l #	93
15) Acrylonitrile	5.554	53	1938130	230.763	ug/l	99
16) Acetone	4.285	43	1778104	179.263	ug/l	96
17) Carbon Disulfide	4.529	76	1451162	55.217	ug/l	99
18) Methyl Acetate	4.854	43	1267312	42.329	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	2013516	50.905	ug/l	96
20) Methylene Chloride	5.093	84	631420	47.885	ug/l #	85
21) trans-1,2-Dichloroethene	5.599	96	554759	50.209	ug/l	87
22) Diisopropyl ether	6.498	45	2330301	52.011	ug/l	94
23) Vinyl Acetate	6.434	43	8928234	244.941	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1193559	51.427	ug/l	98
25) 2-Butanone	7.335	43	2804132	208.068	ug/l	91
26) 2,2-Dichloropropane	7.327	77	747757	41.438	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	668709	50.093	ug/l	88
28) Bromochloromethane	7.656	49	621379	51.486	ug/l #	78
29) Tetrahydrofuran	7.683	42	1861784	227.503	ug/l	88
30) Chloroform	7.817	83	1184443	50.532	ug/l	99
31) Cyclohexane	8.094	56	1111865	48.453	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1019433	51.059	ug/l	95
36) 1,1-Dichloropropene	8.220	75	868172	50.584	ug/l	96
37) Ethyl Acetate	7.412	43	1094906	42.862	ug/l	95
38) Carbon Tetrachloride	8.206	117	848101	50.391	ug/l	99
39) Methylcyclohexane	9.459	83	1015679	49.752	ug/l	89
40) Benzene	8.461	78	2608715	49.727	ug/l	98

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41) Methacrylonitrile	7.638	41	583151	48.630	ug/l	90
42) 1,2-Dichloroethane	8.531	62	1052600	49.705	ug/l	97
43) Isopropyl Acetate	8.560	43	1788951	47.324	ug/l #	93
44) Trichloroethene	9.215	130	629680	50.289	ug/l	92
45) 1,2-Dichloropropane	9.488	63	707070	50.191	ug/l	100
46) Dibromomethane	9.577	93	464233	50.247	ug/l	93
47) Bromodichloromethane	9.762	83	906357	51.813	ug/l	100
48) Methyl methacrylate	9.558	41	864428	49.000	ug/l	89
49) 1,4-Dioxane	9.569	88	244026	770.920	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	5909925	240.993	ug/l	95
52) Toluene	10.505	92	1609908	50.266	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	941716	45.046	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1006698	45.762	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	642891	49.750	ug/l	97
56) Ethyl methacrylate	10.760	69	1107735	45.639	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1132659	49.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.068	63	1020	18.532	ug/l #	45
59) 2-Hexanone	11.084	43	4222382	227.609	ug/l	93
60) Dibromochloromethane	11.237	129	656840	47.561	ug/l	99
61) 1,2-Dibromoethane	11.344	107	671163	50.144	ug/l	99
64) Tetrachloroethene	10.977	164	531374	46.529	ug/l	96
65) Chlorobenzene	11.768	112	1694011	49.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	616560	51.268	ug/l	99
67) Ethyl Benzene	11.843	91	3167856	51.040	ug/l	96
68) m/p-Xylenes	11.953	106	2324325	102.852	ug/l	92
69) o-Xylene	12.280	106	1158091	50.876	ug/l	91
70) Styrene	12.294	104	1881289	52.120	ug/l	96
71) Bromoform	12.457	173	470322	45.958	ug/l #	100
73) Isopropylbenzene	12.578	105	3057995	47.345	ug/l	98
74) N-amyl acetate	12.387	43	1316801	46.100	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1028917	46.067	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	794173m	38.147	ug/l	
77) Bromobenzene	12.860	156	698694	46.054	ug/l	79
78) n-propylbenzene	12.919	91	3470118	48.281	ug/l	96
79) 2-Chlorotoluene	13.007	91	2134600	47.002	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2494446	47.982	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	223750	36.380	ug/l	94
82) 4-Chlorotoluene	13.104	91	2057716	48.179	ug/l	93
83) tert-Butylbenzene	13.323	119	2155750	46.831	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	2432246	49.126	ug/l	97
85) sec-Butylbenzene	13.500	105	2986758	47.835	ug/l	98
86) p-Isopropyltoluene	13.616	119	2399825	49.171	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1202680	48.255	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1159452	47.338	ug/l	97
89) n-Butylbenzene	13.943	91	1963425	49.593	ug/l	98
90) Hexachloroethane	14.211	117	396223	46.240	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1174247	48.354	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	192375	47.665	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	553433	46.669	ug/l	98
94) Hexachlorobutadiene	15.370	225	290910	45.201	ug/l	98
95) Naphthalene	15.504	128	1667734	47.247	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	552506	47.715	ug/l	99

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

