

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069566.D
 Acq On : 18 Nov 2021 20:50
 Operator : JC/MD
 Sample : M4740-10MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR3D-B-290-311-111721MSD

Quant Time: Nov 19 03:21:21 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

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	8.086	168	1004972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1705522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1620665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	712996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	764687	52.478	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.960%			
35) Dibromofluoromethane	8.024	113	547649	53.539	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.080%			
50) Toluene-d8	10.443	98	2086261	51.858	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.731	95	788212	53.333	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	512466	47.731	ug/l	100
3) Chloromethane	2.301	50	575179	46.193	ug/l	97
4) Vinyl Chloride	2.445	62	577778	46.343	ug/l	100
5) Bromomethane	2.832	94	422127	52.133	ug/l	99
6) Chloroethane	3.003	64	373331	44.363	ug/l	97
7) Trichlorofluoromethane	3.365	101	854467	44.345	ug/l	99
8) Diethyl Ether	3.821	74	316860	50.826	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.202	101	455027	50.132	ug/l	97
10) Methyl Iodide	4.414	142	594523	53.403	ug/l	98
11) Tert butyl alcohol	5.388	59	702899	267.696	ug/l	99
12) 1,1-Dichloroethene	4.173	96	433591	53.232	ug/l	90
13) Acrolein	4.041	56	120004	324.718	ug/l	100
14) Allyl chloride	4.835	41	926904	51.470	ug/l	94
15) Acrylonitrile	5.556	53	1932434	287.391	ug/l	99
16) Acetone	4.288	43	2324537	295.668	ug/l	97
17) Carbon Disulfide	4.524	76	782224	40.627	ug/l	99
18) Methyl Acetate	4.856	43	1111888	43.507	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1883128	54.629	ug/l	97
20) Methylene Chloride	5.090	84	559403	50.178	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	532974	58.583	ug/l	88
22) Diisopropyl ether	6.498	45	2097778	54.077	ug/l	93
23) Vinyl Acetate	6.433	43	6287287m	209.553	ug/l	
24) 1,1-Dichloroethane	6.388	63	1096249	55.482	ug/l	98
25) 2-Butanone	7.337	43	2914327	273.755	ug/l	94
26) 2,2-Dichloropropane	7.327	77	681648	44.093	ug/l	84
27) cis-1,2-Dichloroethene	7.327	96	2183702	193.627	ug/l	97
28) Bromochloromethane	7.659	49	557637	55.111	ug/l	82
29) Tetrahydrofuran	7.686	42	1867063	285.787	ug/l	90
30) Chloroform	7.820	83	1091096	53.865	ug/l	100
31) Cyclohexane	8.094	56	892781	44.847	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	897960	53.109	ug/l	96
36) 1,1-Dichloropropene	8.222	75	723548	50.418	ug/l	97
37) Ethyl Acetate	7.415	43	878224	45.271	ug/l	98
38) Carbon Tetrachloride	8.206	117	731351	52.786	ug/l	99
39) Methylcyclohexane	9.461	83	846903	47.440	ug/l	91
40) Benzene	8.461	78	2294133	51.791	ug/l	98

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41) Methacrylonitrile	7.638	41	563539	56.220	ug/l	90
42) 1,2-Dichloroethane	8.531	62	964515	55.609	ug/l	97
43) Isopropyl Acetate	8.563	43	1513079	48.559	ug/l	96
44) Trichloroethene	9.217	130	2053304	193.683	ug/l	93
45) 1,2-Dichloropropane	9.491	63	646696	54.644	ug/l	99
46) Dibromomethane	9.579	93	420742	53.077	ug/l	93
47) Bromodichloromethane	9.764	83	805727	54.470	ug/l	99
48) Methyl methacrylate	9.561	41	800727	54.620	ug/l	91
49) 1,4-Dioxane	9.571	88	303161	1041.795	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	6001298	298.385	ug/l	96
52) Toluene	10.505	92	1592201	57.697	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	832161	45.979	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	896151	46.871	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	624473	56.137	ug/l	98
56) Ethyl methacrylate	10.762	69	1055125	50.318	ug/l	87
57) 1,3-Dichloropropane	11.046	76	1073824	54.934	ug/l	99
59) 2-Hexanone	11.087	43	4387640	258.106	ug/l	93
60) Dibromochloromethane	11.240	129	597779	49.010	ug/l	100
61) 1,2-Dibromoethane	11.347	107	631095	50.810	ug/l	99
64) Tetrachloroethene	10.979	164	496928	50.781	ug/l	95
65) Chlorobenzene	11.771	112	1585313	52.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	584022	55.816	ug/l	99
67) Ethyl Benzene	11.846	91	2906236	52.236	ug/l	97
68) m/p-Xylenes	11.953	106	2120469	103.629	ug/l	94
69) o-Xylene	12.280	106	1083300	53.104	ug/l	94
70) Styrene	12.296	104	1737070	47.505	ug/l	96
71) Bromoform	12.460	173	428646	47.374	ug/l #	99
73) Isopropylbenzene	12.581	105	2869103	50.540	ug/l	99
74) N-amyl acetate	12.387	43	1054903	43.847	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	1028389	53.711	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	908703m	55.226	ug/l	
77) Bromobenzene	12.862	156	669894	51.597	ug/l	79
78) n-propylbenzene	12.921	91	3243828	50.781	ug/l	96
79) 2-Chlorotoluene	13.007	91	1994313	50.423	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2293715	49.979	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	239053	44.028	ug/l	89
82) 4-Chlorotoluene	13.106	91	1924632	51.046	ug/l	93
83) tert-Butylbenzene	13.323	119	2117554	52.653	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2239549	50.548	ug/l	98
85) sec-Butylbenzene	13.503	105	2891911	51.476	ug/l	98
86) p-Isopropyltoluene	13.616	119	2279378	51.109	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1151556	51.159	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1119263	50.686	ug/l	97
89) n-Butylbenzene	13.943	91	1821045	48.965	ug/l	97
90) Hexachloroethane	14.211	117	382582	46.814	ug/l	88
91) 1,2-Dichlorobenzene	13.991	146	1150135	53.697	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	186258	52.240	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	520129	46.573	ug/l	98
94) Hexachlorobutadiene	15.370	225	278659	50.070	ug/l	99
95) Naphthalene	15.507	128	1599750	50.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	528233	49.270	ug/l	98

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

