

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069427.D
 Acq On : 9 Nov 2021 19:19
 Operator : JC/MD
 Sample : M4068-07 2.5PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Nov 10 16:18:26 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 11/11/2021
 Supervised By : Semsettin Yesilyurt 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	864517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1531581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1348014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	462571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	720431	57.473	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.940%			
35) Dibromofluoromethane	8.024	113	472596	51.449	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.900%			
50) Toluene-d8	10.443	98	1890613	52.332	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.734	95	581878	43.843	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	19718	2.135	ug/l	97
3) Chloromethane	2.303	50	27216	2.541	ug/l	98
4) Vinyl Chloride	2.446	62	23941	2.232	ug/l	98
5) Bromomethane	2.850	94	19175	2.753	ug/l	96
6) Chloroethane	3.017	64	18008	2.488	ug/l	98
7) Trichlorofluoromethane	3.373	101	38442	2.319	ug/l	98
8) Diethyl Ether	3.821	74	11893	2.218	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.202	101	17804	2.280	ug/l #	83
10) Methyl Iodide	4.419	142	18058	1.886	ug/l #	89
11) Tert butyl alcohol	5.390	59	21539	9.536	ug/l #	93
12) 1,1-Dichloroethene	4.175	96	16455	2.348	ug/l	85
13) Acrolein	4.036	56	7867m	18.472	ug/l	
14) Allyl chloride	4.846	41	37103m	2.395	ug/l	
15) Acrylonitrile	5.559	53	65773	11.371	ug/l	98
16) Acetone	4.296	43	69284	10.244	ug/l	92
17) Carbon Disulfide	4.529	76	34291	2.070	ug/l	100
18) Methyl Acetate	4.862	43	56751	2.581	ug/l #	78
19) Methyl tert-butyl Ether	5.618	73	67259	2.268	ug/l	97
20) Methylene Chloride	5.087	84	25335	2.642	ug/l	93
21) trans-1,2-Dichloroethene	5.605	96	17521m	2.239	ug/l	
22) Diisopropyl ether	6.501	45	73684	2.208	ug/l #	94
23) Vinyl Acetate	6.436	43	257868	9.991	ug/l	99
24) 1,1-Dichloroethane	6.388	63	38110	2.242	ug/l	98
25) 2-Butanone	7.343	43	97275	10.622	ug/l	90
26) 2,2-Dichloropropane	7.327	77	26559	1.997	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	21494	2.215	ug/l	86
28) Bromochloromethane	7.665	49	23602	2.712	ug/l #	80
29) Tetrahydrofuran	7.694	42	62125	11.054	ug/l #	73
30) Chloroform	7.820	83	38386	2.203	ug/l	100
31) Cyclohexane	8.091	56	58745	3.430	ug/l #	79
32) 1,1,1-Trichloroethane	8.016	97	30685	2.110	ug/l	95
36) 1,1-Dichloropropene	8.228	75	28065	2.178	ug/l	95
37) Ethyl Acetate	7.426	43	37280	2.140	ug/l #	90
38) Carbon Tetrachloride	8.212	117	25570	2.055	ug/l	98
39) Methylcyclohexane	9.462	83	31582	1.970	ug/l	90
40) Benzene	8.461	78	85707	2.155	ug/l	98

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41) Methacrylonitrile	7.640	41	17813	1.979	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	36769	2.361	ug/l	97
43) Isopropyl Acetate	8.563	43	59560	2.129	ug/l #	94
44) Trichloroethene	9.220	130	20116	2.113	ug/l	88
45) 1,2-Dichloropropane	9.494	63	22660	2.132	ug/l	89
46) Dibromomethane	9.582	93	14693	2.064	ug/l	89
47) Bromodichloromethane	9.762	83	24886	1.873	ug/l #	93
48) Methyl methacrylate	9.561	41	26738	2.031	ug/l	87
49) 1,4-Dioxane	9.572	88	9021	72.285	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	185273	10.258	ug/l	94
52) Toluene	10.505	92	52139	2.104	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	22618	3.949	ug/l	92
54) cis-1,3-Dichloropropene	10.191	75	27687	3.286	ug/l	90
55) 1,1,2-Trichloroethane	10.902	97	20685	2.071	ug/l	97
56) Ethyl methacrylate	10.765	69	30392	3.601	ug/l	86
57) 1,3-Dichloropropane	11.047	76	36868	2.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	39865	30.256	ug/l	93
59) 2-Hexanone	11.089	43	128162	16.079	ug/l	88
60) Dibromochloromethane	11.237	129	15047	3.723	ug/l	100
61) 1,2-Dibromoethane	11.347	107	20058	2.831	ug/l	99
64) Tetrachloroethene	10.977	164	17504	2.151	ug/l	93
65) Chlorobenzene	11.771	112	55236	2.201	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.840	131	17419	2.001	ug/l #	64
67) Ethyl Benzene	11.846	91	95324	2.060	ug/l	96
68) m/p-Xylenes	11.953	106	66313	3.896	ug/l	97
69) o-Xylene	12.280	106	32066	1.890	ug/l	84
70) Styrene	12.299	104	49116	3.084	ug/l	97
71) Bromoform	12.460	173	8757	4.507	ug/l #	89
73) Isopropylbenzene	12.581	105	83548	2.268	ug/l	100
74) N-amyl acetate	12.393	43	31998	2.050	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.827	83	30971	2.493	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	30150m	2.824	ug/l	
77) Bromobenzene	12.862	156	19242	2.284	ug/l	72
78) n-propylbenzene	12.924	91	91521	2.208	ug/l	98
79) 2-Chlorotoluene	13.010	91	58787	2.291	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	66808	2.244	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	5651m	7.181	ug/l	
82) 4-Chlorotoluene	13.109	91	53114	2.171	ug/l	97
83) tert-Butylbenzene	13.324	119	60514	2.319	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	60912	2.119	ug/l	100
85) sec-Butylbenzene	13.503	105	77997	2.140	ug/l	95
86) p-Isopropyltoluene	13.616	119	56219	1.943	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	30658	2.099	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	32024m	2.235	ug/l	
89) n-Butylbenzene	13.943	91	44376	1.839	ug/l	96
90) Hexachloroethane	14.211	117	8418	3.676	ug/l	81
91) 1,2-Dichlorobenzene	13.991	146	30186	2.172	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.611	75	3760	3.366	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	10197	4.427	ug/l	95
94) Hexachlorobutadiene	15.367	225	7753	2.147	ug/l	92
95) Naphthalene	15.512	128	27824	5.685	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.708	180	10908	4.637	ug/l	97

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

