

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072989.D
 Acq On : 21 Jun 2022 17:32
 Operator : JC\MD
 Sample : N3357-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1MSD

Quant Time: Jun 22 07:01:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	255575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	444188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	396303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	186334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186251	53.903	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.800%			
35) Dibromofluoromethane	7.951	113	146404	53.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	10.375	98	544802	53.328	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.669	95	199507	54.309	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	130219	53.513	ug/l	99
3) Chloromethane	2.263	50	114980	44.025	ug/l	97
4) Vinyl Chloride	2.405	62	111594	51.137	ug/l	97
5) Bromomethane	2.793	94	44424	51.713	ug/l	100
6) Chloroethane	2.957	64	72832	53.346	ug/l	91
7) Trichlorofluoromethane	3.310	101	216971	61.054	ug/l	96
8) Diethyl Ether	3.763	74	93680	51.078	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.140	101	126694	51.575	ug/l	98
10) Methyl Iodide	4.351	142	107160	38.059	ug/l	96
11) Tert butyl alcohol	5.293	59	221589	248.265	ug/l	99
12) 1,1-Dichloroethene	4.110	96	125119	51.133	ug/l	95
13) Acrolein	3.981	56	82840	235.659	ug/l	99
14) Allyl chloride	4.763	41	265409	50.768	ug/l #	93
15) Acrylonitrile	5.475	53	553549	269.037	ug/l	100
16) Acetone	4.222	43	491083	258.552	ug/l	95
17) Carbon Disulfide	4.457	76	268795	42.874	ug/l	98
18) Methyl Acetate	4.775	43	245063	48.452	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	506135	55.076	ug/l	99
20) Methylene Chloride	5.016	84	151456	51.416	ug/l #	87
21) trans-1,2-Dichloroethene	5.510	96	131085	49.249	ug/l	96
22) Diisopropyl ether	6.416	45	546683	56.093	ug/l	98
23) Vinyl Acetate	6.351	43	2351394	261.364	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	274807	53.783	ug/l	99
25) 2-Butanone	7.263	43	805719	267.326	ug/l	91
26) 2,2-Dichloropropane	7.251	77	197245	46.464	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	166464	52.348	ug/l	97
28) Bromochloromethane	7.587	49	112508	53.242	ug/l	87
29) Tetrahydrofuran	7.610	42	534738	268.669	ug/l	87
30) Chloroform	7.745	83	281528	54.427	ug/l	98
31) Cyclohexane	8.022	56	220426	47.160	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	248265	54.694	ug/l	100
36) 1,1-Dichloropropene	8.151	75	192867	51.916	ug/l	99
37) Ethyl Acetate	7.340	43	295824	49.784	ug/l	95
38) Carbon Tetrachloride	8.134	117	206901	52.948	ug/l	99
39) Methylcyclohexane	9.392	83	221438	49.452	ug/l	95
40) Benzene	8.387	78	609045	52.166	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	154163	54.710	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	226131	54.531	ug/l	99
43) Isopropyl Acetate	8.492	43	456467	53.740	ug/l	93
44) Trichloroethene	9.145	130	150773	50.959	ug/l	94
45) 1,2-Dichloropropane	9.422	63	164196	55.020	ug/l	98
46) Dibromomethane	9.510	93	110270	54.646	ug/l	94
47) Bromodichloromethane	9.698	83	225611	56.258	ug/l	99
48) Methyl methacrylate	9.492	41	209875	54.118	ug/l	91
49) 1,4-Dioxane	9.504	88	87244	999.838	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1566707	282.852	ug/l	90
52) Toluene	10.439	92	386081	53.862	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	238740	55.355	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	253651	53.843	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	164446	52.250	ug/l	99
56) Ethyl methacrylate	10.698	69	282720	56.044	ug/l	89
57) 1,3-Dichloropropane	10.980	76	280251	53.672	ug/l	100
59) 2-Hexanone	11.022	43	1200700	280.271	ug/l	89
60) Dibromochloromethane	11.175	129	169307	56.920	ug/l	99
61) 1,2-Dibromoethane	11.280	107	170197	54.854	ug/l	100
64) Tetrachloroethene	10.910	164	123135	51.075	ug/l	95
65) Chlorobenzene	11.704	112	413194	53.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.775	131	159274	54.069	ug/l	99
67) Ethyl Benzene	11.780	91	748766	54.957	ug/l	100
68) m/p-Xylenes	11.886	106	564343	105.608	ug/l	95
69) o-Xylene	12.216	106	290235	54.354	ug/l	99
70) Styrene	12.233	104	475009	55.395	ug/l	98
71) Bromoform	12.392	173	124771	56.175	ug/l #	100
73) Isopropylbenzene	12.516	105	749616	52.001	ug/l	99
74) N-amyl acetate	12.327	43	376230	50.294	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	267707	51.566	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	242920m	53.771	ug/l	
77) Bromobenzene	12.798	156	175032	50.684	ug/l	90
78) n-propylbenzene	12.857	91	854455	53.888	ug/l	98
79) 2-Chlorotoluene	12.939	91	523705	51.005	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	624678	52.756	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	84522	50.527	ug/l	94
82) 4-Chlorotoluene	13.039	91	510133	52.512	ug/l	97
83) tert-Butylbenzene	13.257	119	569189	52.486	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	624408	52.944	ug/l	97
85) sec-Butylbenzene	13.439	105	768419	53.117	ug/l	98
86) p-Isopropyltoluene	13.551	119	628427	53.656	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	315767	51.216	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	314575	50.410	ug/l	98
89) n-Butylbenzene	13.874	91	513792	53.723	ug/l	98
90) Hexachloroethane	14.145	117	119519	54.129	ug/l	86
91) 1,2-Dichlorobenzene	13.921	146	331929	51.624	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65781	50.246	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	173625	48.793	ug/l	99
94) Hexachlorobutadiene	15.298	225	69385	44.809	ug/l	98
95) Naphthalene	15.427	128	694329	48.235	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	183213	48.217	ug/l	98

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

