

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072892.D
 Acq On : 16 Jun 2022 20:50
 Operator : JC\MD
 Sample : VN0616MBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616MBS01

Quant Time: Jun 17 06:06:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	244878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	397491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	409544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	202668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225876	49.926	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.860%		
35) Dibromofluoromethane	7.951	113	179153	49.618	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.240%		
50) Toluene-d8	10.375	98	687970	48.678	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.360%		
62) 4-Bromofluorobenzene	12.663	95	243112	49.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	70541	20.669	ug/l	99
3) Chloromethane	2.269	50	77245	19.733	ug/l	100
4) Vinyl Chloride	2.404	62	61739	20.557	ug/l	97
5) Bromomethane	2.804	94	30401	25.904	ug/l	97
6) Chloroethane	2.969	64	35701	20.206	ug/l	98
7) Trichlorofluoromethane	3.316	101	113637	19.937	ug/l	95
8) Diethyl Ether	3.769	74	49215	20.494	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.146	101	63869	19.751	ug/l	99
10) Methyl Iodide	4.351	142	72232	17.724	ug/l	97
11) Tert butyl alcohol	5.293	59	117574	99.811	ug/l	99
12) 1,1-Dichloroethene	4.116	96	67667	19.814	ug/l	94
13) Acrolein	3.981	56	32676	90.931	ug/l	98
14) Allyl chloride	4.757	41	132624	19.159	ug/l	95
15) Acrylonitrile	5.475	53	266395	104.213	ug/l	100
16) Acetone	4.222	43	238634	104.500	ug/l	93
17) Carbon Disulfide	4.457	76	176669	19.115	ug/l	99
18) Methyl Acetate	4.781	43	125658	19.303	ug/l	93
19) Methyl tert-butyl Ether	5.540	73	252591	20.217	ug/l	98
20) Methylene Chloride	5.022	84	82707	20.249	ug/l	99
21) trans-1,2-Dichloroethene	5.516	96	72885	20.173	ug/l	95
22) Diisopropyl ether	6.416	45	264055	20.634	ug/l	96
23) Vinyl Acetate	6.351	43	1195530	102.784	ug/l	94
24) 1,1-Dichloroethane	6.304	63	137756	20.560	ug/l	98
25) 2-Butanone	7.263	43	384073	105.600	ug/l	92
26) 2,2-Dichloropropane	7.245	77	88765	14.666	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	86492	19.749	ug/l	99
28) Bromochloromethane	7.587	49	60149	20.951	ug/l	92
29) Tetrahydrofuran	7.616	42	256050	106.192	ug/l	89
30) Chloroform	7.745	83	141152	20.415	ug/l	96
31) Cyclohexane	8.022	56	122918	20.265	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	126450	20.653	ug/l	98
36) 1,1-Dichloropropene	8.151	75	99684	20.215	ug/l	99
37) Ethyl Acetate	7.339	43	146656	20.550	ug/l	99
38) Carbon Tetrachloride	8.134	117	105932	19.953	ug/l	98
39) Methylcyclohexane	9.392	83	115394	18.854	ug/l	95
40) Benzene	8.386	78	320403	20.393	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	80687	21.718	ug/l #	82
42) 1,2-Dichloroethane	8.463	62	114610	20.231	ug/l	100
43) Isopropyl Acetate	8.492	43	223901	20.158	ug/l	95
44) Trichloroethene	9.145	130	82254	19.582	ug/l	96
45) 1,2-Dichloropropane	9.422	63	79954	20.168	ug/l	99
46) Dibromomethane	9.510	93	55549	20.191	ug/l	95
47) Bromodichloromethane	9.698	83	111095	19.935	ug/l	99
48) Methyl methacrylate	9.492	41	102431	20.190	ug/l	93
49) 1,4-Dioxane	9.504	88	44816	417.033	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	733165	102.040	ug/l	92
52) Toluene	10.439	92	203607	20.025	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	117459	18.499	ug/l	100
54) cis-1,3-Dichloropropene	10.122	75	124314	18.858	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	81636	19.888	ug/l	97
56) Ethyl methacrylate	10.698	69	140406	20.142	ug/l	89
57) 1,3-Dichloropropane	10.980	76	139768	19.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	255889	103.848	ug/l	98
59) 2-Hexanone	11.022	43	562539	105.437	ug/l	91
60) Dibromochloromethane	11.175	129	86685	19.683	ug/l	99
61) 1,2-Dibromoethane	11.280	107	85337	19.102	ug/l	95
64) Tetrachloroethene	10.910	164	75855	19.291	ug/l	98
65) Chlorobenzene	11.704	112	212844	19.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	80050	19.187	ug/l	99
67) Ethyl Benzene	11.780	91	385121	20.194	ug/l	99
68) m/p-Xylenes	11.886	106	293015	40.015	ug/l	98
69) o-Xylene	12.216	106	149596	19.912	ug/l	99
70) Styrene	12.227	104	231705	19.925	ug/l	98
71) Bromoform	12.392	173	64378	19.097	ug/l #	98
73) Isopropylbenzene	12.516	105	377839	19.549	ug/l	99
74) N-amyl acetate	12.327	43	167433	20.148	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	128444	20.325	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	98888m	16.415	ug/l	
77) Bromobenzene	12.798	156	86244	19.094	ug/l	91
78) n-propylbenzene	12.857	91	405941	20.139	ug/l	98
79) 2-Chlorotoluene	12.939	91	255957	19.544	ug/l	100
80) 1,3,5-Trimethylbenzene	12.992	105	304454	19.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	36739	17.370	ug/l	98
82) 4-Chlorotoluene	13.039	91	234663	19.380	ug/l	99
83) tert-Butylbenzene	13.257	119	277219	19.996	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	292937	19.672	ug/l	98
85) sec-Butylbenzene	13.439	105	359565	20.006	ug/l	100
86) p-Isopropyltoluene	13.551	119	291273	20.079	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	145560	19.775	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	143209	19.294	ug/l	99
89) n-Butylbenzene	13.874	91	217631	19.519	ug/l	99
90) Hexachloroethane	14.145	117	57824	18.437	ug/l	92
91) 1,2-Dichlorobenzene	13.921	146	146119	19.636	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	27831	19.939	ug/l	94
93) 1,2,4-Trichlorobenzene	15.192	180	71625	19.261	ug/l	96
94) Hexachlorobutadiene	15.292	225	33884	18.408	ug/l	96
95) Naphthalene	15.427	128	268078	20.878	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	76513	20.719	ug/l	99

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

