

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073259.D
 Acq On : 30 Jun 2022 11:45
 Operator : JC\MD
 Sample : VN0630WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 08:06:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	254130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	435904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	386072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	178314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179059	48.808	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.620%		
35) Dibromofluoromethane	7.951	113	143901	49.619	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.240%		
50) Toluene-d8	10.375	98	496113	48.165	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.669	95	196529	49.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	73998	19.917	ug/l	98
3) Chloromethane	2.269	50	70359	19.506	ug/l	96
4) Vinyl Chloride	2.410	62	60845	19.853	ug/l	100
5) Bromomethane	2.816	94	26913	18.592	ug/l	95
6) Chloroethane	2.975	64	35104	19.471	ug/l	97
7) Trichlorofluoromethane	3.322	101	103154	19.468	ug/l	99
8) Diethyl Ether	3.763	74	42043	19.492	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.146	101	59699	19.068	ug/l	97
10) Methyl Iodide	4.357	142	50686	14.882	ug/l	94
11) Tert butyl alcohol	5.287	59	79286	89.215	ug/l	99
12) 1,1-Dichloroethene	4.122	96	57178	19.113	ug/l	98
13) Acrolein	3.981	56	61238	109.018	ug/l	99
14) Allyl chloride	4.763	41	118543	18.810	ug/l	96
15) Acrylonitrile	5.469	53	225994	98.783	ug/l	99
16) Acetone	4.216	43	199085	96.677	ug/l	96
17) Carbon Disulfide	4.457	76	148371	19.127	ug/l	95
18) Methyl Acetate	4.775	43	110166	19.090	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	218034	19.997	ug/l	100
20) Methylene Chloride	5.016	84	70600	19.508	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	59661	19.086	ug/l	97
22) Diisopropyl ether	6.410	45	241514	20.537	ug/l	97
23) Vinyl Acetate	6.351	43	1077605	102.345	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	122490	20.127	ug/l	97
25) 2-Butanone	7.257	43	316790	96.624	ug/l	90
26) 2,2-Dichloropropane	7.245	77	100711	17.893	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	73542	19.428	ug/l	95
28) Bromochloromethane	7.581	49	54280	21.297	ug/l	84
29) Tetrahydrofuran	7.610	42	222806	99.249	ug/l #	86
30) Chloroform	7.745	83	123830	20.202	ug/l	94
31) Cyclohexane	8.016	56	111504	18.558	ug/l	94
32) 1,1,1-Trichloroethane	7.940	97	105672	19.345	ug/l	100
36) 1,1-Dichloropropene	8.145	75	87100	19.519	ug/l	98
37) Ethyl Acetate	7.334	43	132089	19.590	ug/l	95
38) Carbon Tetrachloride	8.134	117	89313	19.354	ug/l	97
39) Methylcyclohexane	9.392	83	104389	18.790	ug/l	92
40) Benzene	8.387	78	273934	19.891	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	60927	18.632	ug/l	88
42) 1,2-Dichloroethane	8.457	62	100960	20.224	ug/l	99
43) Isopropyl Acetate	8.492	43	197230	20.353	ug/l #	92
44) Trichloroethene	9.145	130	65563	18.707	ug/l	89
45) 1,2-Dichloropropane	9.422	63	70060	19.959	ug/l	96
46) Dibromomethane	9.510	93	47501	19.930	ug/l	90
47) Bromodichloromethane	9.692	83	91611	19.846	ug/l	98
48) Methyl methacrylate	9.492	41	86242	19.221	ug/l	92
49) 1,4-Dioxane	9.498	88	32172	377.715	ug/l	98
51) 4-Methyl-2-Pentanone	10.263	43	628471	102.271	ug/l	91
52) Toluene	10.439	92	165991	19.503	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	101786	20.030	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	111034	20.239	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	66387	18.947	ug/l	95
56) Ethyl methacrylate	10.698	69	113272	20.001	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	118624	19.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	269974	106.890	ug/l	95
59) 2-Hexanone	11.022	43	469868	100.307	ug/l	89
60) Dibromochloromethane	11.175	129	68317	20.450	ug/l	98
61) 1,2-Dibromoethane	11.280	107	68278	19.509	ug/l	97
64) Tetrachloroethene	10.910	164	57353	18.193	ug/l	93
65) Chlorobenzene	11.704	112	171081	19.593	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	63797	19.864	ug/l	99
67) Ethyl Benzene	11.780	91	311319	19.639	ug/l	97
68) m/p-Xylenes	11.892	106	235380	39.345	ug/l	96
69) o-Xylene	12.222	106	116083	19.007	ug/l	94
70) Styrene	12.233	104	187932	19.931	ug/l	99
71) Bromoform	12.398	173	47348	20.148	ug/l #	100
73) Isopropylbenzene	12.516	105	302991	19.677	ug/l	99
74) N-amyl acetate	12.327	43	154873	20.087	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.763	83	103798	20.314	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	85306m	18.296	ug/l	
77) Bromobenzene	12.798	156	69886	19.521	ug/l	88
78) n-propylbenzene	12.857	91	343004	20.052	ug/l	98
79) 2-Chlorotoluene	12.945	91	212037	19.585	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	249560	19.884	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	33065	19.448	ug/l	93
82) 4-Chlorotoluene	13.039	91	204843	19.543	ug/l	96
83) tert-Butylbenzene	13.263	119	218754	19.441	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	250412	19.984	ug/l	96
85) sec-Butylbenzene	13.439	105	304275	20.139	ug/l	99
86) p-Isopropyltoluene	13.551	119	249474	20.440	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	124381	19.366	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	125036	19.430	ug/l	97
89) n-Butylbenzene	13.880	91	201994	19.861	ug/l	98
90) Hexachloroethane	14.145	117	44747	19.672	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	127579	19.500	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	24017	19.338	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	67603	19.845	ug/l	98
94) Hexachlorobutadiene	15.298	225	29020	19.163	ug/l	98
95) Naphthalene	15.433	128	253793	18.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	68714	19.554	ug/l	99

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

