

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN073019.D
 Acq On : 22 Jun 2022 11:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 16:58:01 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	233900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	426554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	382957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	173650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185446	58.643	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.280%			
35) Dibromofluoromethane	7.951	113	144851	54.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.880%			
50) Toluene-d8	10.375	98	544513	55.503	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.000%			
62) 4-Bromofluorobenzene	12.668	95	198104	56.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	123267	55.351	ug/l	98
3) Chloromethane	2.269	50	118505	49.508	ug/l	98
4) Vinyl Chloride	2.404	62	110251	55.203	ug/l	98
5) Bromomethane	2.793	94	39281	49.963	ug/l	90
6) Chloroethane	2.957	64	70733	56.610	ug/l	99
7) Trichlorofluoromethane	3.316	101	205988	63.335	ug/l	97
8) Diethyl Ether	3.769	74	90947	54.183	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.140	101	121166	53.896	ug/l	97
10) Methyl Iodide	4.351	142	94870	36.816	ug/l	95
11) Tert butyl alcohol	5.293	59	205691	251.808	ug/l	99
12) 1,1-Dichloroethene	4.116	96	116622	52.077	ug/l	95
13) Acrolein	3.981	56	77821	241.896	ug/l	98
14) Allyl chloride	4.763	41	235545	49.231	ug/l #	93
15) Acrylonitrile	5.475	53	542545	288.124	ug/l	99
16) Acetone	4.222	43	483005	277.864	ug/l	97
17) Carbon Disulfide	4.457	76	251828	43.890	ug/l	100
18) Methyl Acetate	4.775	43	257416	55.610	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	485290	57.701	ug/l	100
20) Methylene Chloride	5.016	84	147486	54.724	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	125017	51.322	ug/l	94
22) Diisopropyl ether	6.416	45	530976	59.530	ug/l	96
23) Vinyl Acetate	6.351	43	2436703	295.945	ug/l	94
24) 1,1-Dichloroethane	6.310	63	267121	57.123	ug/l	98
25) 2-Butanone	7.263	43	771200	279.584	ug/l	89
26) 2,2-Dichloropropane	7.251	77	103087	26.283	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	162576	55.863	ug/l	95
28) Bromochloromethane	7.586	49	111945	57.885	ug/l	84
29) Tetrahydrofuran	7.610	42	518099	284.432	ug/l	88
30) Chloroform	7.745	83	270181	57.073	ug/l	100
31) Cyclohexane	8.022	56	212403	49.655	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	234501	56.449	ug/l	100
36) 1,1-Dichloropropene	8.151	75	181543	50.888	ug/l	98
37) Ethyl Acetate	7.339	43	308384	54.043	ug/l	96
38) Carbon Tetrachloride	8.133	117	192512	51.303	ug/l	100
39) Methylcyclohexane	9.392	83	203058	47.222	ug/l	95
40) Benzene	8.392	78	587786	52.426	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	152785	56.463	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	217402	54.594	ug/l	99
43) Isopropyl Acetate	8.492	43	455934	55.896	ug/l	93
44) Trichloroethene	9.145	130	140555	49.470	ug/l	96
45) 1,2-Dichloropropane	9.422	63	158070	55.157	ug/l	97
46) Dibromomethane	9.510	93	105268	54.324	ug/l	93
47) Bromodichloromethane	9.698	83	214787	55.773	ug/l	97
48) Methyl methacrylate	9.492	41	204946	55.032	ug/l	90
49) 1,4-Dioxane	9.504	88	79314	946.535	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1507459	283.407	ug/l	91
52) Toluene	10.439	92	370872	53.879	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	207568	50.117	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	223537	49.412	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	156940	51.926	ug/l	99
56) Ethyl methacrylate	10.698	69	272272	56.204	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	268792	53.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	606504	283.580	ug/l	96
59) 2-Hexanone	11.022	43	1152445	280.128	ug/l	90
60) Dibromochloromethane	11.174	129	163755	57.329	ug/l	98
61) 1,2-Dibromoethane	11.280	107	164200	55.109	ug/l	100
64) Tetrachloroethene	10.910	164	112221	48.170	ug/l	97
65) Chlorobenzene	11.704	112	386307	51.653	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	148970	52.333	ug/l	99
67) Ethyl Benzene	11.780	91	710795	53.989	ug/l	100
68) m/p-Xylenes	11.886	106	545606	105.660	ug/l	99
69) o-Xylene	12.216	106	274626	53.224	ug/l	98
70) Styrene	12.233	104	454738	54.879	ug/l	99
71) Bromoform	12.392	173	120980	56.366	ug/l #	98
73) Isopropylbenzene	12.516	105	709833	52.838	ug/l	99
74) N-amyl acetate	12.327	43	378804	54.337	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	257393	53.201	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	234259m	55.642	ug/l	
77) Bromobenzene	12.792	156	165227	51.339	ug/l	89
78) n-propylbenzene	12.857	91	809872	54.807	ug/l	98
79) 2-Chlorotoluene	12.945	91	493647	51.590	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	585687	53.076	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	65837	42.232	ug/l	94
82) 4-Chlorotoluene	13.039	91	480831	53.111	ug/l	99
83) tert-Butylbenzene	13.257	119	543272	53.756	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	589564	53.641	ug/l	97
85) sec-Butylbenzene	13.433	105	730704	54.200	ug/l	99
86) p-Isopropyltoluene	13.551	119	589680	54.025	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	296633	51.626	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	299883	51.566	ug/l	99
89) n-Butylbenzene	13.874	91	483246	54.220	ug/l	98
90) Hexachloroethane	14.145	117	116670	56.699	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	309345	51.625	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	62842	51.510	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	166010	50.061	ug/l	98
94) Hexachlorobutadiene	15.292	225	66666	46.198	ug/l	98
95) Naphthalene	15.427	128	669475	49.906	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	174816	49.367	ug/l	97

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

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