

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073149.D
 Acq On : 27 Jun 2022 08:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 17:46:14 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	304655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	508312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	452981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	213547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	204659	49.688	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.380%		
35) Dibromofluoromethane	7.951	113	160689	51.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.300%		
50) Toluene-d8	10.374	98	600557	51.370	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.740%		
62) 4-Bromofluorobenzene	12.668	95	228774	54.420	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	135057	46.560	ug/l	100
3) Chloromethane	2.269	50	125633	40.402	ug/l	97
4) Vinyl Chloride	2.404	62	114060	43.847	ug/l	98
5) Bromomethane	2.793	94	50629	49.441	ug/l	94
6) Chloroethane	2.957	64	71930	44.198	ug/l	95
7) Trichlorofluoromethane	3.310	101	230342	54.375	ug/l	100
8) Diethyl Ether	3.769	74	99203	45.375	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	143284	48.932	ug/l	99
10) Methyl Iodide	4.351	142	139133	41.453	ug/l	97
11) Tert butyl alcohol	5.281	59	216477	203.465	ug/l	100
12) 1,1-Dichloroethene	4.110	96	129516	44.403	ug/l	93
13) Acrolein	3.981	56	29990	71.570	ug/l	92
14) Allyl chloride	4.757	41	285654	45.838	ug/l #	94
15) Acrylonitrile	5.469	53	561994	229.138	ug/l	100
16) Acetone	4.216	43	590165	260.661	ug/l	98
17) Carbon Disulfide	4.457	76	266671	35.683	ug/l	99
18) Methyl Acetate	4.775	43	273243	45.320	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	548196	50.043	ug/l	100
20) Methylene Chloride	5.010	84	161791	46.051	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	136336	42.970	ug/l	95
22) Diisopropyl ether	6.404	45	581134	50.022	ug/l	94
23) Vinyl Acetate	6.345	43	2621233	244.420	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	293119	48.125	ug/l	100
25) 2-Butanone	7.257	43	841961	234.347	ug/l	91
26) 2,2-Dichloropropane	7.245	77	264478	52.338	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	181229	47.809	ug/l	98
28) Bromochloromethane	7.580	49	125012	49.629	ug/l	87
29) Tetrahydrofuran	7.604	42	533099	224.696	ug/l	88
30) Chloroform	7.745	83	303416	49.208	ug/l	98
31) Cyclohexane	8.016	56	234045	42.007	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	264644	48.910	ug/l	100
36) 1,1-Dichloropropene	8.145	75	201674	47.439	ug/l	99
37) Ethyl Acetate	7.333	43	333643	49.066	ug/l	94
38) Carbon Tetrachloride	8.128	117	219420	49.069	ug/l	100
39) Methylcyclohexane	9.392	83	241845	47.196	ug/l	93
40) Benzene	8.386	78	639439	47.860	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	158741	49.228	ug/l #	89
42) 1,2-Dichloroethane	8.457	62	244680	51.561	ug/l	99
43) Isopropyl Acetate	8.492	43	498886	51.325	ug/l	94
44) Trichloroethene	9.145	130	162354	47.951	ug/l	90
45) 1,2-Dichloropropane	9.422	63	172125	50.401	ug/l	95
46) Dibromomethane	9.510	93	115176	49.877	ug/l	93
47) Bromodichloromethane	9.692	83	238785	52.031	ug/l	98
48) Methyl methacrylate	9.492	41	217226	48.948	ug/l	90
49) 1,4-Dioxane	9.498	88	83036	831.566	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1592073	251.172	ug/l	92
52) Toluene	10.439	92	404938	49.366	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	266102	53.916	ug/l	96
54) cis-1,3-Dichloropropene	10.121	75	278238	51.611	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	174337	48.404	ug/l	98
56) Ethyl methacrylate	10.698	69	297574	51.547	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	294893	49.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.974	63	668966	262.476	ug/l	96
59) 2-Hexanone	11.021	43	1243220	253.587	ug/l	89
60) Dibromochloromethane	11.174	129	184829	54.300	ug/l	100
61) 1,2-Dibromoethane	11.280	107	177341	49.946	ug/l	98
64) Tetrachloroethene	10.910	164	144784	52.540	ug/l	97
65) Chlorobenzene	11.704	112	437129	49.413	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	170602	50.668	ug/l	98
67) Ethyl Benzene	11.780	91	808624	51.925	ug/l	99
68) m/p-Xylenes	11.892	106	607682	99.490	ug/l	96
69) o-Xylene	12.215	106	308742	50.586	ug/l	99
70) Styrene	12.233	104	502031	51.221	ug/l	98
71) Bromoform	12.398	173	136398	53.726	ug/l #	99
73) Isopropylbenzene	12.515	105	815442	49.359	ug/l	99
74) N-amyl acetate	12.327	43	402798	46.984	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	270004	45.381	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	224145m	43.293	ug/l	
77) Bromobenzene	12.798	156	185080	46.764	ug/l	87
78) n-propylbenzene	12.857	91	946644	52.094	ug/l	99
79) 2-Chlorotoluene	12.945	91	567913	48.262	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	673085	49.600	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	95691	49.914	ug/l	96
82) 4-Chlorotoluene	13.039	91	558546	50.169	ug/l	97
83) tert-Butylbenzene	13.257	119	609656	49.054	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	677111	50.096	ug/l	97
85) sec-Butylbenzene	13.439	105	850655	51.309	ug/l	99
86) p-Isopropyltoluene	13.551	119	700602	52.195	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	343699	48.642	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	344029	48.105	ug/l	98
89) n-Butylbenzene	13.880	91	606823	55.365	ug/l	99
90) Hexachloroethane	14.145	117	127938	50.559	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	350138	47.516	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	67350	44.880	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	204212	50.076	ug/l	98
94) Hexachlorobutadiene	15.298	225	89308	50.325	ug/l	97
95) Naphthalene	15.433	128	740843	44.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	198598	45.605	ug/l	99

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

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