

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072885.D
 Acq On : 16 Jun 2022 13:43
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061622

Quant Time: Jun 17 06:05:27 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	8.010	168	268300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	418238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	437367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	232954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	241734	48.767	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.540%		
35) Dibromofluoromethane	7.945	113	192683	50.718	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.440%		
50) Toluene-d8	10.375	98	745467	50.130	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.260%		
62) 4-Bromofluorobenzene	12.663	95	278847	54.055	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	197407	52.793	ug/l	97
3) Chloromethane	2.269	50	212624	49.575	ug/l	99
4) Vinyl Chloride	2.405	62	168314	51.151	ug/l	97
5) Bromomethane	2.781	94	70250	54.632	ug/l	98
6) Chloroethane	2.952	64	93145	48.117	ug/l	96
7) Trichlorofluoromethane	3.310	101	314346	50.335	ug/l	100
8) Diethyl Ether	3.763	74	133685	50.809	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.140	101	182582	51.532	ug/l	98
10) Methyl Iodide	4.346	142	222144	49.750	ug/l	98
11) Tert butyl alcohol	5.287	59	281831	218.367	ug/l	99
12) 1,1-Dichloroethene	4.110	96	182303	48.722	ug/l	96
13) Acrolein	3.981	56	89274	233.361	ug/l	98
14) Allyl chloride	4.751	41	365183	48.149	ug/l	94
15) Acrylonitrile	5.469	53	672172	239.996	ug/l	99
16) Acetone	4.216	43	575554	230.039	ug/l	97
17) Carbon Disulfide	4.451	76	484619	47.857	ug/l	97
18) Methyl Acetate	4.769	43	312654	43.835	ug/l	93
19) Methyl tert-butyl Ether	5.528	73	679467	49.636	ug/l	100
20) Methylene Chloride	5.010	84	219722	49.098	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	192088	48.524	ug/l	97
22) Diisopropyl ether	6.410	45	691945	49.350	ug/l	98
23) Vinyl Acetate	6.345	43	3197685	250.918	ug/l	95
24) 1,1-Dichloroethane	6.298	63	370470	50.466	ug/l	98
25) 2-Butanone	7.257	43	935910	234.863	ug/l	94
26) 2,2-Dichloropropane	7.245	77	311197	46.928	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	231803	48.307	ug/l	99
28) Bromochloromethane	7.581	49	154266	49.042	ug/l	93
29) Tetrahydrofuran	7.604	42	622900	235.784	ug/l	91
30) Chloroform	7.739	83	378290	49.936	ug/l	99
31) Cyclohexane	8.016	56	324863	48.883	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	333401	49.700	ug/l	98
36) 1,1-Dichloropropene	8.145	75	270981	52.228	ug/l	99
37) Ethyl Acetate	7.334	43	370616	49.357	ug/l	97
38) Carbon Tetrachloride	8.128	117	286149	51.224	ug/l	99
39) Methylcyclohexane	9.386	83	347201	53.916	ug/l	94
40) Benzene	8.386	78	840870	50.865	ug/l	100

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41) Methacrylonitrile	7.557	41	181893	46.530	ug/l	91
42) 1,2-Dichloroethane	8.457	62	302142	50.687	ug/l	100
43) Isopropyl Acetate	8.492	43	586073	50.148	ug/l	96
44) Trichloroethene	9.145	130	227732	51.526	ug/l	98
45) 1,2-Dichloropropane	9.422	63	212838	51.023	ug/l	99
46) Dibromomethane	9.510	93	147369	50.909	ug/l	98
47) Bromodichloromethane	9.692	83	302194	51.537	ug/l	98
48) Methyl methacrylate	9.492	41	268515	50.302	ug/l	93
49) 1,4-Dioxane	9.498	88	110192	974.521	ug/l #	95
51) 4-Methyl-2-Pentanone	10.263	43	1858079	245.774	ug/l	93
52) Toluene	10.439	92	544780	50.923	ug/l	99
53) t-1,3-Dichloropropene	10.651	75	343517	51.418	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	359959	51.896	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	217872	50.444	ug/l	98
56) Ethyl methacrylate	10.698	69	383750	52.320	ug/l	91
57) 1,3-Dichloropropane	10.980	76	377365	51.200	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.975	63	707175	272.757	ug/l	99
59) 2-Hexanone	11.022	43	1413361	251.766	ug/l	91
60) Dibromochloromethane	11.175	129	240503	51.900	ug/l	100
61) 1,2-Dibromoethane	11.280	107	232237	49.406	ug/l	97
64) Tetrachloroethene	10.910	164	204953	48.808	ug/l	96
65) Chlorobenzene	11.704	112	588762	51.089	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.775	131	221836	49.790	ug/l	98
67) Ethyl Benzene	11.780	91	1049378	51.524	ug/l	99
68) m/p-Xylenes	11.886	106	802007	102.558	ug/l	97
69) o-Xylene	12.216	106	404302	50.391	ug/l	100
70) Styrene	12.227	104	660264	53.165	ug/l	99
71) Bromoform	12.392	173	187185	51.995	ug/l #	98
73) Isopropylbenzene	12.510	105	1037714	46.710	ug/l	100
74) N-amyl acetate	12.322	43	474166	49.639	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	336213	46.285	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	303327m	43.806	ug/l	
77) Bromobenzene	12.792	156	246755	47.527	ug/l	93
78) n-propylbenzene	12.857	91	1168565	50.436	ug/l	100
79) 2-Chlorotoluene	12.939	91	724007	48.096	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	850539	47.774	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	118335	48.675	ug/l	98
82) 4-Chlorotoluene	13.039	91	692446	49.753	ug/l	98
83) tert-Butylbenzene	13.257	119	751894	47.184	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	848390	49.567	ug/l	97
85) sec-Butylbenzene	13.433	105	1049975	50.824	ug/l	100
86) p-Isopropyltoluene	13.551	119	862627	51.735	ug/l	99
87) 1,3-Dichlorobenzene	13.545	146	419882	49.628	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	415509	48.702	ug/l	99
89) n-Butylbenzene	13.874	91	701081	54.703	ug/l	100
90) Hexachloroethane	14.139	117	169595	47.045	ug/l	92
91) 1,2-Dichlorobenzene	13.921	146	407506	47.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	74700	48.832	ug/l	94
93) 1,2,4-Trichlorobenzene	15.192	180	217941	50.987	ug/l	98
94) Hexachlorobutadiene	15.298	225	104168	49.233	ug/l	98
95) Naphthalene	15.427	128	755619	51.196	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	221802	52.253	ug/l	99

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

