

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072066.D
 Acq On : 19 Apr 2022 21:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 20 01:30:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	506097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	786479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	773364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	312557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	280774	48.596	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.200%		
35) Dibromofluoromethane	8.016	113	244041	52.732	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.460%		
50) Toluene-d8	10.439	98	1000924	52.869	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.740%		
62) 4-Bromofluorobenzene	12.727	95	346373	56.570	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	273519	67.980	ug/l	98
3) Chloromethane	2.298	50	285499	55.997	ug/l	100
4) Vinyl Chloride	2.440	62	295723	52.817	ug/l	99
5) Bromomethane	2.816	94	94785	26.042	ug/l	100
6) Chloroethane	2.981	64	183942	45.667	ug/l	100
7) Trichlorofluoromethane	3.351	101	405483	56.922	ug/l	99
8) Diethyl Ether	3.822	74	173637	57.677	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.204	101	248375	56.580	ug/l	97
10) Methyl Iodide	4.416	142	363134	59.178	ug/l	99
11) Tert butyl alcohol	5.369	59	258429	275.621	ug/l	98
12) 1,1-Dichloroethene	4.175	96	247261	59.191	ug/l	99
13) Acrolein	4.034	56	267482	233.967	ug/l	98
14) Allyl chloride	4.834	41	380506	56.120	ug/l	94
15) Acrylonitrile	5.545	53	838148	307.537	ug/l	97
16) Acetone	4.281	43	609697	246.923	ug/l	95
17) Carbon Disulfide	4.522	76	594284	62.004	ug/l	100
18) Methyl Acetate	4.845	43	372755	61.305	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	899719	57.975	ug/l	97
20) Methylene Chloride	5.087	84	301167	57.868	ug/l	95
21) trans-1,2-Dichloroethene	5.587	96	260188	56.738	ug/l	97
22) Diisopropyl ether	6.492	45	831306	56.320	ug/l	96
23) Vinyl Acetate	6.428	43	3544119	301.941	ug/l	99
24) 1,1-Dichloroethane	6.381	63	493116	56.908	ug/l	99
25) 2-Butanone	7.328	43	1028116	288.827	ug/l	98
26) 2,2-Dichloropropane	7.322	77	362457	48.692	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	326839	58.121	ug/l	95
28) Bromochloromethane	7.651	49	162625	46.525	ug/l	95
29) Tetrahydrofuran	7.675	42	671956	291.534	ug/l	96
30) Chloroform	7.810	83	505322	55.229	ug/l	99
31) Cyclohexane	8.092	56	438335	55.787	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	435737	55.668	ug/l	97
36) 1,1-Dichloropropene	8.216	75	366530	56.714	ug/l	99
37) Ethyl Acetate	7.404	43	401398	56.745	ug/l	96
38) Carbon Tetrachloride	8.204	117	363576	57.402	ug/l	99
39) Methylcyclohexane	9.457	83	467209	60.731	ug/l	98
40) Benzene	8.457	78	1195107	58.539	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	220307	63.607	ug/l	91
42) 1,2-Dichloroethane	8.522	62	386817	54.772	ug/l	98
43) Isopropyl Acetate	8.557	43	732521	62.258	ug/l	97
44) Trichloroethene	9.210	130	301801	57.380	ug/l	97
45) 1,2-Dichloropropane	9.486	63	296773	58.188	ug/l	100
46) Dibromomethane	9.574	93	201915	58.309	ug/l	97
47) Bromodichloromethane	9.757	83	404811	59.386	ug/l	99
48) Methyl methacrylate	9.557	41	306981	62.888	ug/l	94
49) 1,4-Dioxane	9.563	88	102845	886.512	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	2196807	324.746	ug/l	96
52) Toluene	10.498	92	803024	62.224	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	446481	62.496	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	483279	61.224	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	319923	60.234	ug/l	97
56) Ethyl methacrylate	10.757	69	527861	69.667	ug/l	93
57) 1,3-Dichloropropane	11.039	76	540073	60.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	772109	325.501	ug/l	100
59) 2-Hexanone	11.080	43	1538296	322.989	ug/l	95
60) Dibromochloromethane	11.233	129	329456	63.616	ug/l	100
61) 1,2-Dibromoethane	11.339	107	331821	63.467	ug/l	100
64) Tetrachloroethene	10.974	164	274210	53.695	ug/l	98
65) Chlorobenzene	11.768	112	883228	57.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	315678	56.493	ug/l	98
67) Ethyl Benzene	11.839	91	1547330	59.025	ug/l	98
68) m/p-Xylenes	11.951	106	1190951	118.239	ug/l	99
69) o-Xylene	12.274	106	606733	60.688	ug/l	97
70) Styrene	12.292	104	971735	64.151	ug/l	99
71) Bromoform	12.451	173	257668	60.552	ug/l	98
73) Isopropylbenzene	12.574	105	1519780	57.702	ug/l	99
74) N-amyl acetate	12.380	43	465616	61.700	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	451870	51.419	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	395037m	54.558	ug/l	
77) Bromobenzene	12.857	156	360757	54.639	ug/l	96
78) n-propylbenzene	12.915	91	1629708	58.822	ug/l	99
79) 2-Chlorotoluene	13.004	91	977481	55.014	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1219340	58.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	135792	58.119	ug/l	95
82) 4-Chlorotoluene	13.098	91	908391	55.156	ug/l	99
83) tert-Butylbenzene	13.321	119	1081183	56.678	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1199923	58.932	ug/l	100
85) sec-Butylbenzene	13.498	105	1434596	58.014	ug/l	99
86) p-Isopropyltoluene	13.610	119	1195704	60.644	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	572784	54.453	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	552898	53.877	ug/l	99
89) n-Butylbenzene	13.939	91	877252	59.988	ug/l	99
90) Hexachloroethane	14.204	117	198169	54.906	ug/l	96
91) 1,2-Dichlorobenzene	13.980	146	548619	53.127	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	81789	60.002	ug/l	95
93) 1,2,4-Trichlorobenzene	15.256	180	288682	57.699	ug/l	100
94) Hexachlorobutadiene	15.362	225	155389	51.020	ug/l	98
95) Naphthalene	15.498	128	897548	62.067	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	285472	58.797	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

