

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072040.D
 Acq On : 19 Apr 2022 11:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 01:22:32 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	496030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	744648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	765454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	302021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	250686	44.269	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.540%		
35) Dibromofluoromethane	8.016	113	222818	50.850	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.700%		
50) Toluene-d8	10.433	98	930111	51.889	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.780%		
62) 4-Bromofluorobenzene	12.727	95	311005	53.647	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	253049	64.169	ug/l	98
3) Chloromethane	2.293	50	265692	53.170	ug/l	100
4) Vinyl Chloride	2.440	62	261742	47.697	ug/l	98
5) Bromomethane	2.810	94	76982	21.580	ug/l	97
6) Chloroethane	2.952	64	167504	42.430	ug/l	96
7) Trichlorofluoromethane	3.334	101	351241	50.308	ug/l	100
8) Diethyl Ether	3.816	74	147579	50.016	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.193	101	218800	50.855	ug/l	95
10) Methyl Iodide	4.404	142	306871	51.024	ug/l	99
11) Tert butyl alcohol	5.381	59	146403	159.312	ug/l	97
12) 1,1-Dichloroethene	4.157	96	205136	50.103	ug/l	89
13) Acrolein	4.028	56	179330	160.044	ug/l	96
14) Allyl chloride	4.828	41	310768	46.765	ug/l	95
15) Acrylonitrile	5.545	53	719018	269.179	ug/l	99
16) Acetone	4.281	43	425138	175.672	ug/l	95
17) Carbon Disulfide	4.510	76	497754	52.987	ug/l	100
18) Methyl Acetate	4.840	43	279075	46.461	ug/l	99
19) Methyl tert-butyl Ether	5.604	73	789345	51.895	ug/l	97
20) Methylene Chloride	5.087	84	268552	52.648	ug/l	98
21) trans-1,2-Dichloroethene	5.587	96	241141	53.651	ug/l	96
22) Diisopropyl ether	6.487	45	739900	51.144	ug/l	94
23) Vinyl Acetate	6.422	43	3109248	270.268	ug/l	98
24) 1,1-Dichloroethane	6.375	63	445611	52.469	ug/l	99
25) 2-Butanone	7.328	43	830877	238.154	ug/l	97
26) 2,2-Dichloropropane	7.316	77	367593	50.384	ug/l	97
27) cis-1,2-Dichloroethene	7.316	96	300123	54.453	ug/l	94
28) Bromochloromethane	7.651	49	154807	45.187	ug/l	96
29) Tetrahydrofuran	7.675	42	540512	239.265	ug/l	95
30) Chloroform	7.810	83	470086	52.420	ug/l	99
31) Cyclohexane	8.087	56	401156	52.091	ug/l	98
32) 1,1,1-Trichloroethane	8.004	97	400160	52.160	ug/l	98
36) 1,1-Dichloropropene	8.210	75	343060	56.064	ug/l	99
37) Ethyl Acetate	7.404	43	350004	52.259	ug/l	95
38) Carbon Tetrachloride	8.198	117	331058	55.204	ug/l	98
39) Methylcyclohexane	9.451	83	446586	61.311	ug/l	98
40) Benzene	8.451	78	1107590	57.300	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	180729	55.111	ug/l	97
42) 1,2-Dichloroethane	8.522	62	350099	52.358	ug/l	97
43) Isopropyl Acetate	8.557	43	556342	49.941	ug/l	97
44) Trichloroethene	9.210	130	285754	57.381	ug/l	98
45) 1,2-Dichloropropane	9.481	63	272978	56.529	ug/l	99
46) Dibromomethane	9.569	93	187431	57.167	ug/l	96
47) Bromodichloromethane	9.757	83	369924	57.317	ug/l	98
48) Methyl methacrylate	9.551	41	276075	59.733	ug/l	92
49) 1,4-Dioxane	9.563	88	56171	505.460	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	1880292	293.572	ug/l	95
52) Toluene	10.498	92	755862	61.860	ug/l	100
53) t-1,3-Dichloropropene	10.710	75	421087	62.253	ug/l	99
54) cis-1,3-Dichloropropene	10.181	75	454096	60.758	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	305423	60.735	ug/l	98
56) Ethyl methacrylate	10.757	69	487100	67.899	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	505149	60.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	692945	309.423	ug/l	100
59) 2-Hexanone	11.080	43	1213531	269.113	ug/l	94
60) Dibromochloromethane	11.233	129	319971	65.255	ug/l	100
61) 1,2-Dibromoethane	11.339	107	313834	63.399	ug/l	100
64) Tetrachloroethene	10.969	164	267610	52.944	ug/l	98
65) Chlorobenzene	11.763	112	854992	55.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	300889	54.403	ug/l	99
67) Ethyl Benzene	11.839	91	1511364	58.249	ug/l	99
68) m/p-Xylenes	11.945	106	1184179	118.782	ug/l	99
69) o-Xylene	12.274	106	577387	58.350	ug/l	97
70) Styrene	12.286	104	912423	60.858	ug/l	99
71) Bromoform	12.451	173	231408	54.943	ug/l	100
73) Isopropylbenzene	12.574	105	1476872	58.029	ug/l	100
74) N-amyl acetate	12.386	43	370091	50.753	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	404016	47.578	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	347808m	49.711	ug/l	
77) Bromobenzene	12.857	156	337066	52.831	ug/l	95
78) n-propylbenzene	12.916	91	1583919	59.164	ug/l	99
79) 2-Chlorotoluene	13.004	91	939771	54.736	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1196063	59.315	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	117238	51.928	ug/l	93
82) 4-Chlorotoluene	13.098	91	886197	55.686	ug/l	100
83) tert-Butylbenzene	13.316	119	1021032	55.392	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1156235	58.768	ug/l	100
85) sec-Butylbenzene	13.498	105	1390314	58.185	ug/l	100
86) p-Isopropyltoluene	13.610	119	1148794	60.297	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	558741	54.971	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	544099	54.869	ug/l	99
89) n-Butylbenzene	13.939	91	859526	60.826	ug/l	100
90) Hexachloroethane	14.204	117	188605	54.079	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	542854	54.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	68787	52.224	ug/l	95
93) 1,2,4-Trichlorobenzene	15.257	180	261184	54.157	ug/l	100
94) Hexachlorobutadiene	15.363	225	150076	50.994	ug/l	99
95) Naphthalene	15.498	128	724143	52.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	256976	54.939	ug/l	100

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

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