

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067544.D
 Acq On : 29 Jun 2021 9:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:50:59 PM

Quant Time: Jun 29 15:20:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	305337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	540519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	521817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	248157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	205924	49.278	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.560%		
35) Dibromofluoromethane	8.021	113	171525	51.183	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.360%		
50) Toluene-d8	10.443	98	703909	51.707	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.420%		
62) 4-Bromofluorobenzene	12.733	95	256284	53.896	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	135850	43.007	ug/l	100
3) Chloromethane	2.301	50	175785	46.241	ug/l	98
4) Vinyl Chloride	2.443	62	252923	49.484	ug/l	98
5) Bromomethane	2.842	94	196587	52.284	ug/l	99
6) Chloroethane	3.011	64	173428	48.651	ug/l	96
7) Trichlorofluoromethane	3.368	101	475454	51.772	ug/l	100
8) Diethyl Ether	3.819	74	92454	43.449	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.197	101	135478	44.689	ug/l	97
10) Methyl Iodide	4.417	142	165467	41.874	ug/l	94
11) Tert butyl alcohol	5.385	59	131640	211.036	ug/l	98
12) 1,1-Dichloroethene	4.170	96	128358	43.312	ug/l	86
13) Acrolein	4.038	56	91863	223.770	ug/l	99
14) Allyl chloride	4.835	41	221375	45.695	ug/l #	95
15) Acrylonitrile	5.554	53	366632	228.681	ug/l	99
16) Acetone	4.288	43	376819	273.382	ug/l	91
17) Carbon Disulfide	4.521	76	372857	44.622	ug/l	98
18) Methyl Acetate	4.856	43	155550	42.306	ug/l #	91
19) Methyl tert-butyl Ether	5.618	73	548800	48.292	ug/l	99
20) Methylene Chloride	5.090	84	167315	46.248	ug/l	86
21) trans-1,2-Dichloroethene	5.591	96	162731	48.417	ug/l	88
22) Diisopropyl ether	6.498	45	517256	49.168	ug/l #	93
23) Vinyl Acetate	6.433	43	2164748	245.451	ug/l #	92
24) 1,1-Dichloroethane	6.388	63	293649	47.831	ug/l	97
25) 2-Butanone	7.340	43	556139	261.632	ug/l #	88
26) 2,2-Dichloropropane	7.324	77	295849	51.996	ug/l	92
27) cis-1,2-Dichloroethene	7.324	96	202687	49.851	ug/l	83
28) Bromochloromethane	7.659	49	136563	47.534	ug/l #	68
29) Tetrahydrofuran	7.689	42	324898	229.539	ug/l #	85
30) Chloroform	7.817	83	340108	50.359	ug/l	99
31) Cyclohexane	8.094	56	280204	49.214	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	315510	51.449	ug/l	95
36) 1,1-Dichloropropene	8.222	75	250537	51.343	ug/l	93
37) Ethyl Acetate	7.415	43	211288	47.154	ug/l	96
38) Carbon Tetrachloride	8.206	117	274997	52.609	ug/l	97
39) Methylcyclohexane	9.461	83	305836	51.777	ug/l	88
40) Benzene	8.461	78	759686	51.417	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	108579	48.610	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	255276	50.056	ug/l	95
43) Isopropyl Acetate	8.563	43	382200	49.932	ug/l #	92
44) Trichloroethene	9.217	130	201028	52.240	ug/l	86
45) 1,2-Dichloropropane	9.491	63	183483	49.605	ug/l	99
46) Dibromomethane	9.579	93	136001	51.641	ug/l	93
47) Bromodichloromethane	9.764	83	272903	52.385	ug/l	97
48) Methyl methacrylate	9.563	41	160186	47.792	ug/l #	87
49) 1,4-Dioxane	9.574	88	62022	887.289	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	1133017	245.348	ug/l	92
52) Toluene	10.507	92	522470	54.125	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	303014	49.420	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	314031	53.164	ug/l #	85
55) 1,1,2-Trichloroethane	10.899	97	195495	51.899	ug/l	96
56) Ethyl methacrylate	10.762	69	300018	52.677	ug/l #	83
57) 1,3-Dichloropropane	11.046	76	313162	51.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	323715	236.794	ug/l #	89
59) 2-Hexanone	11.089	43	850590	260.894	ug/l	89
60) Dibromochloromethane	11.240	129	222600	48.972	ug/l	100
61) 1,2-Dibromoethane	11.347	107	207149	53.712	ug/l	99
64) Tetrachloroethene	10.979	164	195991	53.604	ug/l	97
65) Chlorobenzene	11.773	112	556929	52.014	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	209906	54.761	ug/l	100
67) Ethyl Benzene	11.848	91	1022390	52.897	ug/l	94
68) m/p-Xylenes	11.956	106	807615	108.535	ug/l	84
69) o-Xylene	12.283	106	392944	53.315	ug/l	85
70) Styrene	12.296	104	650698	49.766	ug/l	92
71) Bromoform	12.460	173	151014	47.247	ug/l #	99
73) Isopropylbenzene	12.581	105	1015053	48.641	ug/l	96
74) N-amyl acetate	12.390	43	328486	48.008	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	270799	45.750	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	225452m	45.326	ug/l	
77) Bromobenzene	12.862	156	233365	50.403	ug/l	69
78) n-propylbenzene	12.924	91	1164476	50.067	ug/l	94
79) 2-Chlorotoluene	13.010	91	684139	48.146	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	858249	50.184	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	86320	49.894	ug/l	87
82) 4-Chlorotoluene	13.106	91	685997	49.400	ug/l	91
83) tert-Butylbenzene	13.326	119	712550	48.038	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	841654	49.984	ug/l	93
85) sec-Butylbenzene	13.503	105	1003148	49.175	ug/l	95
86) p-Isopropyltoluene	13.618	119	843905	51.435	ug/l	92
87) 1,3-Dichlorobenzene	13.618	146	434969	50.739	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	436046	51.466	ug/l	95
89) n-Butylbenzene	13.946	91	685882	50.688	ug/l	97
90) Hexachloroethane	14.214	117	143251	49.612	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	422929	51.787	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	49434	47.743	ug/l	62
93) 1,2,4-Trichlorobenzene	15.265	180	193617	53.856	ug/l	100
94) Hexachlorobutadiene	15.372	225	87225	55.050	ug/l	98
95) Naphthalene	15.507	128	573803	47.086	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	180321	51.246	ug/l	99

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

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