

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069658.D
 Acq On : 29 Nov 2021 11:34
 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

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:15:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1167241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1884050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1811282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	771714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	797128	47.099	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.200%		
35) Dibromofluoromethane	8.021	113	558152	49.395	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.800%		
50) Toluene-d8	10.440	98	2096901	47.183	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.360%		
62) 4-Bromofluorobenzene	12.728	95	825807	50.582	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	573679	46.004	ug/l	98
3) Chloromethane	2.303	50	618303	42.754	ug/l	98
4) Vinyl Chloride	2.451	62	630148	43.517	ug/l	99
5) Bromomethane	2.840	94	417843	44.430	ug/l	97
6) Chloroethane	3.014	64	402360	41.166	ug/l	98
7) Trichlorofluoromethane	3.376	101	937745	41.901	ug/l	99
8) Diethyl Ether	3.821	74	382963	52.889	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.207	101	561615	53.273	ug/l	96
10) Methyl Iodide	4.419	142	679376	52.541	ug/l	97
11) Tert butyl alcohol	5.379	59	720796	236.350	ug/l	98
12) 1,1-Dichloroethene	4.178	96	481737	50.921	ug/l	89
13) Acrolein	4.041	56	129338	300.832	ug/l	100
14) Allyl chloride	4.838	41	1150331	54.997	ug/l	94
15) Acrylonitrile	5.551	53	2125162	272.116	ug/l	99
16) Acetone	4.285	43	2467766	270.250	ug/l	97
17) Carbon Disulfide	4.527	76	948503	42.415	ug/l	98
18) Methyl Acetate	4.854	43	1547228	52.124	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	2275108	56.825	ug/l	98
20) Methylene Chloride	5.093	84	649647	50.171	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	525538	49.735	ug/l	87
22) Diisopropyl ether	6.495	45	2577253	57.201	ug/l	94
23) Vinyl Acetate	6.431	43	9964248	285.936	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1246617	54.321	ug/l	98
25) 2-Butanone	7.332	43	3338961	270.040	ug/l	91
26) 2,2-Dichloropropane	7.324	77	1035990	57.698	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	705377	53.850	ug/l	86
28) Bromochloromethane	7.654	49	624823	53.166	ug/l #	79
29) Tetrahydrofuran	7.683	42	1992433	262.580	ug/l	89
30) Chloroform	7.817	83	1299083	55.217	ug/l	99
31) Cyclohexane	8.094	56	1045595	45.221	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1077418	54.864	ug/l	96
36) 1,1-Dichloropropene	8.220	75	855893	53.989	ug/l	96
37) Ethyl Acetate	7.410	43	1235659	57.660	ug/l	96
38) Carbon Tetrachloride	8.204	117	877682	57.345	ug/l	100
39) Methylcyclohexane	9.459	83	1027669	52.111	ug/l	92
40) Benzene	8.458	78	2646405	54.082	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	654391	59.097	ug/l #	89
42) 1,2-Dichloroethane	8.528	62	1124873	58.709	ug/l	97
43) Isopropyl Acetate	8.560	43	2016216	58.575	ug/l #	94
44) Trichloroethene	9.215	130	650187	55.519	ug/l	90
45) 1,2-Dichloropropane	9.488	63	774668	59.255	ug/l	99
46) Dibromomethane	9.577	93	497824	56.850	ug/l	93
47) Bromodichloromethane	9.762	83	1019531	62.392	ug/l	99
48) Methyl methacrylate	9.558	41	925325	57.139	ug/l	90
49) 1,4-Dioxane	9.569	88	295527	923.921	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	6554727	295.020	ug/l	96
52) Toluene	10.505	92	1704239	55.905	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1115584	55.235	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1173095	55.221	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	741812	60.367	ug/l	98
56) Ethyl methacrylate	10.759	69	1255494	54.041	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1282190	59.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1473661	247.712	ug/l	92
59) 2-Hexanone	11.084	43	4796128	255.484	ug/l	93
60) Dibromochloromethane	11.237	129	757735	55.882	ug/l	99
61) 1,2-Dibromoethane	11.344	107	750173	54.592	ug/l	99
64) Tetrachloroethene	10.977	164	589375	53.890	ug/l	93
65) Chlorobenzene	11.771	112	1902830	56.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	726166	62.098	ug/l	98
67) Ethyl Benzene	11.843	91	3480561	55.976	ug/l	96
68) m/p-Xylenes	11.953	106	2522439	110.300	ug/l	92
69) o-Xylene	12.280	106	1287213	56.460	ug/l	93
70) Styrene	12.294	104	2131752	52.014	ug/l	96
71) Bromoform	12.457	173	552537	54.114	ug/l #	99
73) Isopropylbenzene	12.578	105	3453203	56.200	ug/l	99
74) N-amyl acetate	12.387	43	1471731	56.519	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1135185	54.778	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	973721m	54.675	ug/l	
77) Bromobenzene	12.859	156	790387	56.245	ug/l	79
78) n-propylbenzene	12.918	91	3920330	56.702	ug/l	97
79) 2-Chlorotoluene	13.007	91	2405727	56.197	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2818189	56.735	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	313730	52.155	ug/l	94
82) 4-Chlorotoluene	13.104	91	2316111	56.756	ug/l	92
83) tert-Butylbenzene	13.323	119	2506448	57.581	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2756745	57.487	ug/l	98
85) sec-Butylbenzene	13.500	105	3501770	57.589	ug/l	98
86) p-Isopropyltoluene	13.616	119	2806395	58.138	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1360806	55.855	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1314557	55.000	ug/l	97
89) n-Butylbenzene	13.940	91	2364561	58.741	ug/l	98
90) Hexachloroethane	14.209	117	496332	55.683	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1311852	56.587	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	202901	52.566	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	644137	52.839	ug/l	98
94) Hexachlorobutadiene	15.367	225	377127	62.607	ug/l	98
95) Naphthalene	15.507	128	1702380	49.720	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	621750	53.303	ug/l	98

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

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