

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067534.D
 Acq On : 28 Jun 2021 16:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:27 PM

Quant Time: Jun 29 05:23:23 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	282581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	500421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	485860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	228893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	183691	47.497	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.000%		
35) Dibromofluoromethane	8.024	113	150938	48.649	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.300%		
50) Toluene-d8	10.443	98	621340	49.299	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.600%		
62) 4-Bromofluorobenzene	12.734	95	224457	50.985	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	123746	42.330	ug/l	99
3) Chloromethane	2.301	50	163500	46.473	ug/l	98
4) Vinyl Chloride	2.443	62	230867	48.807	ug/l	95
5) Bromomethane	2.837	94	177109	50.897	ug/l	100
6) Chloroethane	3.009	64	159771	48.430	ug/l	98
7) Trichlorofluoromethane	3.365	101	428735	50.445	ug/l	99
8) Diethyl Ether	3.819	74	84460	42.888	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.197	101	129958	46.320	ug/l #	83
10) Methyl Iodide	4.417	142	150321	41.105	ug/l	93
11) Tert butyl alcohol	5.388	59	128691	222.922	ug/l	100
12) 1,1-Dichloroethene	4.173	96	121786	44.404	ug/l	86
13) Acrolein	4.039	56	81413	214.379	ug/l	99
14) Allyl chloride	4.835	41	209796	46.792	ug/l #	96
15) Acrylonitrile	5.557	53	357973	241.261	ug/l	99
16) Acetone	4.288	43	278095	218.005	ug/l	92
17) Carbon Disulfide	4.521	76	354582	45.852	ug/l	99
18) Methyl Acetate	4.857	43	155618	45.733	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	514001	48.872	ug/l	97
20) Methylene Chloride	5.093	84	156087	46.620	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	151863	48.822	ug/l	87
22) Diisopropyl ether	6.498	45	486354	49.954	ug/l #	94
23) Vinyl Acetate	6.436	43	2054702	251.735	ug/l #	92
24) 1,1-Dichloroethane	6.388	63	277667	48.870	ug/l	97
25) 2-Butanone	7.337	43	478931	243.454	ug/l #	88
26) 2,2-Dichloropropane	7.324	77	264087	50.152	ug/l	92
27) cis-1,2-Dichloroethene	7.324	96	187138	49.733	ug/l	83
28) Bromochloromethane	7.657	49	126840	47.705	ug/l #	69
29) Tetrahydrofuran	7.689	42	317140	242.101	ug/l #	86
30) Chloroform	7.817	83	315219	50.432	ug/l	98
31) Cyclohexane	8.094	56	264716	50.272	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	288770	50.880	ug/l	95
36) 1,1-Dichloropropene	8.222	75	233278	51.637	ug/l	95
37) Ethyl Acetate	7.415	43	204866	49.384	ug/l	96
38) Carbon Tetrachloride	8.206	117	251459	51.960	ug/l	99
39) Methylcyclohexane	9.462	83	289972	53.025	ug/l	90
40) Benzene	8.461	78	701804	51.305	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	100513	48.604	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	234941	49.760	ug/l	93
43) Isopropyl Acetate	8.563	43	357839	50.495	ug/l #	93
44) Trichloroethene	9.217	130	184292	51.729	ug/l	86
45) 1,2-Dichloropropane	9.491	63	170646	49.831	ug/l	97
46) Dibromomethane	9.580	93	127952	52.478	ug/l	94
47) Bromodichloromethane	9.765	83	251781	52.203	ug/l #	97
48) Methyl methacrylate	9.561	41	164305	52.949	ug/l	88
49) 1,4-Dioxane	9.572	88	62442	962.559	ug/l #	83
51) 4-Methyl-2-Pentanone	10.333	43	1086402	254.105	ug/l	92
52) Toluene	10.508	92	481773	53.908	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	275078	48.503	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	290880	53.191	ug/l #	85
55) 1,1,2-Trichloroethane	10.899	97	182713	52.392	ug/l	97
56) Ethyl methacrylate	10.762	69	279199	52.950	ug/l #	84
57) 1,3-Dichloropropane	11.047	76	295755	52.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	292751	231.807	ug/l	91
59) 2-Hexanone	11.090	43	770841	255.378	ug/l	89
60) Dibromochloromethane	11.242	129	206003	48.954	ug/l	99
61) 1,2-Dibromoethane	11.347	107	190516	53.358	ug/l	100
64) Tetrachloroethene	10.980	164	182396	53.578	ug/l	96
65) Chlorobenzene	11.773	112	514969	51.655	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	191444	53.641	ug/l	99
67) Ethyl Benzene	11.849	91	941944	52.342	ug/l	95
68) m/p-Xylenes	11.956	106	746836	107.795	ug/l	84
69) o-Xylene	12.283	106	362718	52.857	ug/l	85
70) Styrene	12.296	104	597458	49.102	ug/l	92
71) Bromoform	12.460	173	138453	46.576	ug/l #	99
73) Isopropylbenzene	12.581	105	942552	48.968	ug/l	97
74) N-amyl acetate	12.390	43	302297	47.898	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.830	83	254904	46.689	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	212878m	46.400	ug/l	
77) Bromobenzene	12.862	156	213914	50.090	ug/l	71
78) n-propylbenzene	12.921	91	1074329	50.079	ug/l	94
79) 2-Chlorotoluene	13.010	91	634490	48.410	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	797066	50.529	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	77405	48.506	ug/l	89
82) 4-Chlorotoluene	13.106	91	636334	49.681	ug/l	92
83) tert-Butylbenzene	13.326	119	682876	49.912	ug/l	87
84) 1,2,4-Trimethylbenzene	13.369	105	783089	50.420	ug/l	93
85) sec-Butylbenzene	13.503	105	949453	50.460	ug/l	96
86) p-Isopropyltoluene	13.619	119	793068	52.404	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	402897	50.954	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	397324	50.842	ug/l	95
89) n-Butylbenzene	13.946	91	638989	51.196	ug/l	98
90) Hexachloroethane	14.214	117	136856	51.386	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	387349	51.422	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	46191	48.365	ug/l	64
93) 1,2,4-Trichlorobenzene	15.265	180	179209	54.043	ug/l	99
94) Hexachlorobutadiene	15.373	225	82439	56.408	ug/l	99
95) Naphthalene	15.507	128	509080	45.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	164195	50.591	ug/l	100

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

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