

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067432.D
 Acq On : 22 Jun 2021 11:15
 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
 6/23/2021 5:31:49 PM

Quant Time: Jun 22 14:11:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	281326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	582072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	514213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	203439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	286244	51.577	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.160%			
35) Dibromofluoromethane	8.021	113	187861	48.527	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.060%			
50) Toluene-d8	10.443	98	730379	49.224	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.733	95	281399	45.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	233884	50.814	ug/l	99
3) Chloromethane	2.301	50	247183	57.877	ug/l	99
4) Vinyl Chloride	2.443	62	233446	55.754	ug/l	99
5) Bromomethane	2.837	94	123861	69.726	ug/l	100
6) Chloroethane	3.006	64	147499	57.345	ug/l	99
7) Trichlorofluoromethane	3.368	101	340998	58.674	ug/l	98
8) Diethyl Ether	3.821	74	139099	58.839	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.199	101	204995	58.643	ug/l	97
10) Methyl Iodide	4.414	142	208519	57.024	ug/l	94
11) Tert butyl alcohol	5.393	59	238604	261.166	ug/l	99
12) 1,1-Dichloroethene	4.170	96	191940	56.888	ug/l	100
13) Acrolein	4.036	56	157349	275.917	ug/l	99
14) Allyl chloride	4.832	41	416937	55.694	ug/l	97
15) Acrylonitrile	5.557	53	656614	327.446	ug/l	99
16) Acetone	4.288	43	577936	271.365	ug/l	96
17) Carbon Disulfide	4.521	76	603167	55.348	ug/l	98
18) Methyl Acetate	4.857	43	301927	58.467	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	809319	59.756	ug/l	96
20) Methylene Chloride	5.090	84	248313	56.036	ug/l	97
21) trans-1,2-Dichloroethene	5.594	96	214254	57.301	ug/l	95
22) Diisopropyl ether	6.501	45	850235	61.527	ug/l	97
23) Vinyl Acetate	6.434	43	3751090	296.241	ug/l	100
24) 1,1-Dichloroethane	6.385	63	464457	59.915	ug/l	98
25) 2-Butanone	7.340	43	902125	296.434	ug/l	100
26) 2,2-Dichloropropane	7.327	77	407475	51.860	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	252246	57.333	ug/l	100
28) Bromochloromethane	7.659	49	215276	59.672	ug/l	93
29) Tetrahydrofuran	7.689	42	578987	301.757	ug/l	99
30) Chloroform	7.820	83	448783	55.142	ug/l	100
31) Cyclohexane	8.094	56	422457	55.995	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	383906	51.354	ug/l	97
36) 1,1-Dichloropropene	8.222	75	343758	52.679	ug/l	99
37) Ethyl Acetate	7.415	43	371196	53.691	ug/l	100
38) Carbon Tetrachloride	8.206	117	312790	44.595	ug/l	99
39) Methylcyclohexane	9.461	83	399220	57.804	ug/l	99
40) Benzene	8.461	78	998878	54.843	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	192542	53.574	ug/l	98
42) 1,2-Dichloroethane	8.531	62	387770	50.385	ug/l	99
43) Isopropyl Acetate	8.566	43	651301	52.487	ug/l	99
44) Trichloroethene	9.217	130	209152	49.106	ug/l	99
45) 1,2-Dichloropropane	9.491	63	274575	56.523	ug/l	99
46) Dibromomethane	9.577	93	173925	52.626	ug/l	96
47) Bromodichloromethane	9.765	83	374042	50.455	ug/l	99
48) Methyl methacrylate	9.561	41	283426	50.092	ug/l	98
49) 1,4-Dioxane	9.574	88	84498	1091.144	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	1925196	269.472	ug/l	99
52) Toluene	10.507	92	593678	51.836	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	423814	51.626	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	444703	53.598	ug/l	97
55) 1,1,2-Trichloroethane	10.902	97	230967	52.159	ug/l	98
56) Ethyl methacrylate	10.765	69	428713	53.851	ug/l	97
57) 1,3-Dichloropropane	11.047	76	432639	53.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	566951	244.712	ug/l	96
59) 2-Hexanone	11.089	43	1364788	260.748	ug/l	98
60) Dibromochloromethane	11.242	129	227606	47.010	ug/l	98
61) 1,2-Dibromoethane	11.347	107	232020	50.048	ug/l	99
64) Tetrachloroethene	10.979	164	174281	47.734	ug/l	99
65) Chlorobenzene	11.773	112	583709	52.166	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	203971	48.951	ug/l	98
67) Ethyl Benzene	11.848	91	1177312	53.205	ug/l	98
68) m/p-Xylenes	11.956	106	807404	102.646	ug/l	99
69) o-Xylene	12.283	106	397720	51.693	ug/l	98
70) Styrene	12.296	104	669926	52.385	ug/l	100
71) Bromoform	12.463	173	145482	45.693	ug/l #	100
73) Isopropylbenzene	12.581	105	1058259	54.212	ug/l	99
74) N-amyl acetate	12.390	43	546670	57.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	343303	58.989	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	336639m	63.721	ug/l	
77) Bromobenzene	12.862	156	201267	50.629	ug/l	89
78) n-propylbenzene	12.924	91	1338804	57.662	ug/l	97
79) 2-Chlorotoluene	13.010	91	792572	54.822	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	884817	53.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	119403	56.014	ug/l	94
82) 4-Chlorotoluene	13.109	91	793362	55.115	ug/l	97
83) tert-Butylbenzene	13.326	119	714278	54.550	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	878312	54.062	ug/l	100
85) sec-Butylbenzene	13.506	105	1060553	57.208	ug/l	98
86) p-Isopropyltoluene	13.619	119	812463	54.301	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	375244	52.329	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	373852	51.832	ug/l	99
89) n-Butylbenzene	13.946	91	816419	58.072	ug/l	98
90) Hexachloroethane	14.214	117	157952	53.983	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	363960	53.493	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	70531	48.479	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	184989	52.075	ug/l	99
94) Hexachlorobutadiene	15.373	225	88999	43.627	ug/l	99
95) Naphthalene	15.509	128	605728	49.071	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	176561	51.772	ug/l	98

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

