

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067496.D
 Acq On : 24 Jun 2021 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:23:05 PM

Quant Time: Jun 25 02:16:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	243294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	549893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	500313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	190334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	263691	52.958	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.920%			
35) Dibromofluoromethane	8.024	113	167632	49.482	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.960%			
50) Toluene-d8	10.443	98	718433	49.722	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.440%			
62) 4-Bromofluorobenzene	12.733	95	258056	50.128	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	216749	53.040	ug/l	99
3) Chloromethane	2.301	50	250507	54.855	ug/l	98
4) Vinyl Chloride	2.443	62	226393	55.570	ug/l	97
5) Bromomethane	2.845	94	122109	54.277	ug/l	98
6) Chloroethane	3.014	64	143984	54.781	ug/l	98
7) Trichlorofluoromethane	3.371	101	332384	53.922	ug/l	97
8) Diethyl Ether	3.821	74	135676	53.639	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.205	101	174839	51.887	ug/l	94
10) Methyl Iodide	4.417	142	192836	51.976	ug/l	94
11) Tert butyl alcohol	5.390	59	204990	252.078	ug/l	98
12) 1,1-Dichloroethene	4.173	96	176468	52.959	ug/l	96
13) Acrolein	4.041	56	173586	251.084	ug/l	100
14) Allyl chloride	4.840	41	373889	51.155	ug/l	96
15) Acrylonitrile	5.559	53	596439	275.478	ug/l	99
16) Acetone	4.288	43	465866	244.455	ug/l	92
17) Carbon Disulfide	4.524	76	561570	51.708	ug/l	98
18) Methyl Acetate	4.859	43	267227	50.244	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	717584	54.313	ug/l	98
20) Methylene Chloride	5.095	84	228438	50.940	ug/l	99
21) trans-1,2-Dichloroethene	5.599	96	190103	53.096	ug/l	97
22) Diisopropyl ether	6.501	45	801072	55.740	ug/l	96
23) Vinyl Acetate	6.436	43	3415678	280.126	ug/l	99
24) 1,1-Dichloroethane	6.388	63	427894	54.558	ug/l	99
25) 2-Butanone	7.340	43	804398	271.498	ug/l	99
26) 2,2-Dichloropropane	7.327	77	313658	46.984	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	228638	54.049	ug/l	97
28) Bromochloromethane	7.659	49	203982	54.570	ug/l	88
29) Tetrahydrofuran	7.689	42	523668	279.128	ug/l	98
30) Chloroform	7.820	83	405297	54.248	ug/l	98
31) Cyclohexane	8.096	56	391583	49.134	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	339872	54.375	ug/l	98
36) 1,1-Dichloropropene	8.222	75	313860	50.664	ug/l	98
37) Ethyl Acetate	7.418	43	339979	51.960	ug/l	98
38) Carbon Tetrachloride	8.206	117	266718	50.553	ug/l	99
39) Methylcyclohexane	9.461	83	344552	48.259	ug/l	98
40) Benzene	8.461	78	925640	50.862	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	165954	50.151	ug/l	96
42) 1,2-Dichloroethane	8.531	62	339875	51.344	ug/l	99
43) Isopropyl Acetate	8.566	43	596775	52.879	ug/l	98
44) Trichloroethene	9.217	130	181882	50.601	ug/l	94
45) 1,2-Dichloropropane	9.494	63	256508	51.446	ug/l	99
46) Dibromomethane	9.579	93	155736	51.541	ug/l	93
47) Bromodichloromethane	9.765	83	325512	52.602	ug/l	97
48) Methyl methacrylate	9.561	41	256777	52.554	ug/l	96
49) 1,4-Dioxane	9.571	88	73668	1056.759	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	1746255	265.029	ug/l	98
52) Toluene	10.507	92	554056	52.134	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	359951	46.397	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	396748	51.924	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	210665	51.715	ug/l	96
56) Ethyl methacrylate	10.765	69	394721	53.779	ug/l	95
57) 1,3-Dichloropropane	11.047	76	406320	52.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	431915	225.993	ug/l	94
59) 2-Hexanone	11.087	43	1234957	266.137	ug/l	97
60) Dibromochloromethane	11.240	129	196963	47.362	ug/l	98
61) 1,2-Dibromoethane	11.347	107	210297	53.082	ug/l	98
64) Tetrachloroethene	10.979	164	160130	49.208	ug/l	98
65) Chlorobenzene	11.773	112	528333	50.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	181895	48.647	ug/l	98
67) Ethyl Benzene	11.848	91	1069938	50.519	ug/l	99
68) m/p-Xylenes	11.956	106	727790	101.502	ug/l	98
69) o-Xylene	12.283	106	365924	51.511	ug/l	99
70) Styrene	12.296	104	610479	52.521	ug/l	99
71) Bromoform	12.460	173	125087	46.448	ug/l #	100
73) Isopropylbenzene	12.581	105	967777	49.947	ug/l	98
74) N-amyl acetate	12.390	43	484777	51.831	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	322368	51.438	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	279216m	49.843	ug/l	
77) Bromobenzene	12.862	156	180161	50.440	ug/l	88
78) n-propylbenzene	12.924	91	1208642	50.586	ug/l	97
79) 2-Chlorotoluene	13.010	91	726755	50.661	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	802140	50.692	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	102913	50.269	ug/l	91
82) 4-Chlorotoluene	13.106	91	711745	50.534	ug/l	96
83) tert-Butylbenzene	13.326	119	637366	51.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	785148	50.579	ug/l	99
85) sec-Butylbenzene	13.503	105	953464	50.978	ug/l	98
86) p-Isopropyltoluene	13.619	119	698734	50.226	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	325369	50.221	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	323582	49.939	ug/l	99
89) n-Butylbenzene	13.943	91	695518	49.903	ug/l	97
90) Hexachloroethane	14.211	117	136313	51.410	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	321728	50.843	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	60677	54.336	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	145321	45.638	ug/l	99
94) Hexachlorobutadiene	15.373	225	70296	49.058	ug/l	99
95) Naphthalene	15.507	128	496158	46.933	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	142294	46.866	ug/l	98

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

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