

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067945.D
 Acq On : 27 Jul 2021 22:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:59:13 PM

Quant Time: Jul 28 05:26:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	364345	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	671569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	650206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	323009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	279676	50.791	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.580%			
35) Dibromofluoromethane	8.021	113	214477	52.860	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.720%			
50) Toluene-d8	10.443	98	847605	49.908	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.734	95	313781	52.301	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	144949	46.805	ug/l	99
3) Chloromethane	2.301	50	192368	39.219	ug/l	98
4) Vinyl Chloride	2.443	62	329676	44.535	ug/l	98
5) Bromomethane	2.821	94	288194	58.049	ug/l	97
6) Chloroethane	3.001	64	268335	54.575	ug/l	99
7) Trichlorofluoromethane	3.363	101	626518	56.067	ug/l	99
8) Diethyl Ether	3.819	74	119849	40.670	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.197	101	183742	54.415	ug/l	96
10) Methyl Iodide	4.414	142	222193	55.238	ug/l	92
11) Tert butyl alcohol	5.388	59	190681	240.983	ug/l	99
12) 1,1-Dichloroethene	4.173	96	168763	52.093	ug/l	91
13) Acrolein	4.036	56	101213	262.598	ug/l	100
14) Allyl chloride	4.835	41	296308	49.756	ug/l	96
15) Acrylonitrile	5.557	53	555214	282.901	ug/l	99
16) Acetone	4.288	43	447636	258.357	ug/l	93
17) Carbon Disulfide	4.519	76	397446	44.289	ug/l	100
18) Methyl Acetate	4.854	43	289321	59.451	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	725917	54.073	ug/l	99
20) Methylene Chloride	5.093	84	223713	55.384	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	199798	52.163	ug/l	87
22) Diisopropyl ether	6.498	45	730570	54.062	ug/l	97
23) Vinyl Acetate	6.434	43	3057113	264.609	ug/l	95
24) 1,1-Dichloroethane	6.385	63	401809	53.336	ug/l	99
25) 2-Butanone	7.340	43	767828	266.876	ug/l	95
26) 2,2-Dichloropropane	7.327	77	294602	44.748	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	258436	53.916	ug/l	84
28) Bromochloromethane	7.659	49	180008	48.967	ug/l	# 81
29) Tetrahydrofuran	7.689	42	500795	264.687	ug/l	91
30) Chloroform	7.818	83	454750	53.740	ug/l	98
31) Cyclohexane	8.094	56	341602	44.244	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	396652	54.058	ug/l	97
36) 1,1-Dichloropropene	8.223	75	314473	50.411	ug/l	96
37) Ethyl Acetate	7.418	43	311652	51.561	ug/l	98
38) Carbon Tetrachloride	8.207	117	331709	53.907	ug/l	98
39) Methylcyclohexane	9.462	83	332579	48.699	ug/l	91
40) Benzene	8.461	78	961259	51.479	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	158277	50.950	ug/l	92
42) 1,2-Dichloroethane	8.531	62	363530	52.423	ug/l	97
43) Isopropyl Acetate	8.563	43	567198	53.347	ug/l	98
44) Trichloroethene	9.218	130	238701	50.370	ug/l	87
45) 1,2-Dichloropropane	9.491	63	249214	52.714	ug/l	98
46) Dibromomethane	9.577	93	182491	54.400	ug/l	95
47) Bromodichloromethane	9.765	83	358528	54.670	ug/l	99
48) Methyl methacrylate	9.564	41	244832	52.064	ug/l	89
49) 1,4-Dioxane	9.572	88	82893	889.660	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	1794354	274.705	ug/l	95
52) Toluene	10.508	92	652294	53.328	ug/l	99
53) t-1,3-Dichloropropene	10.720	75	374783	48.029	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	390817	53.586	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	260691	55.613	ug/l	98
56) Ethyl methacrylate	10.765	69	404204	55.970	ug/l	91
57) 1,3-Dichloropropane	11.047	76	430201	53.520	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	403676	212.360	ug/l	92
59) 2-Hexanone	11.087	43	1285101	281.859	ug/l	93
60) Dibromochloromethane	11.243	129	273854	47.714	ug/l	98
61) 1,2-Dibromoethane	11.347	107	265657	55.510	ug/l	99
64) Tetrachloroethene	10.980	164	195160	42.521	ug/l	97
65) Chlorobenzene	11.774	112	701475	52.529	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	267362	56.918	ug/l	100
67) Ethyl Benzene	11.849	91	1289293	53.034	ug/l	94
68) m/p-Xylenes	11.956	106	1006442	109.457	ug/l	85
69) o-Xylene	12.283	106	498291	55.119	ug/l	85
70) Styrene	12.297	104	841500	58.190	ug/l	93
71) Bromoform	12.460	173	191169	46.142	ug/l #	100
73) Isopropylbenzene	12.581	105	1273374	48.860	ug/l	97
74) N-amyl acetate	12.390	43	484372	51.230	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	406310	53.718	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	332504m	50.407	ug/l	
77) Bromobenzene	12.862	156	299501	51.923	ug/l	75
78) n-propylbenzene	12.924	91	1463942	49.665	ug/l	96
79) 2-Chlorotoluene	13.010	91	889691	49.959	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1091307	51.679	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	105659	51.642	ug/l	95
82) 4-Chlorotoluene	13.106	91	892171	50.628	ug/l	91
83) tert-Butylbenzene	13.326	119	917578	50.951	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	1097262	53.030	ug/l	94
85) sec-Butylbenzene	13.503	105	1254122	50.319	ug/l	96
86) p-Isopropyltoluene	13.619	119	1050898	52.251	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	564556	52.758	ug/l	95
88) 1,4-Dichlorobenzene	13.697	146	543127	49.574	ug/l	95
89) n-Butylbenzene	13.946	91	833686	48.326	ug/l	98
90) Hexachloroethane	14.211	117	181758	54.412	ug/l	99
91) 1,2-Dichlorobenzene	13.992	146	532843	51.586	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	65190	49.624	ug/l	71
93) 1,2,4-Trichlorobenzene	15.268	180	208268	39.310	ug/l	99
94) Hexachlorobutadiene	15.373	225	101338	46.689	ug/l	98
95) Naphthalene	15.509	128	600106	38.671	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	200948	39.542	ug/l	98

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

