

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069177.D
 Acq On : 26 Oct 2021 10:35
 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
 10/27/2021 5:04:57 PM

Quant Time: Oct 27 06:51:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	286949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	487217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	467555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	210624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	199702	52.785	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.560%			
35) Dibromofluoromethane	8.021	113	152094	53.655	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.300%			
50) Toluene-d8	10.443	98	613482	54.089	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.180%			
62) 4-Bromofluorobenzene	12.734	95	247263	57.783	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	147938	41.616	ug/l	100
3) Chloromethane	2.301	50	146645	41.811	ug/l	99
4) Vinyl Chloride	2.443	62	179975	50.521	ug/l	99
5) Bromomethane	2.832	94	114031	58.194	ug/l	99
6) Chloroethane	3.006	64	116210	55.353	ug/l	98
7) Trichlorofluoromethane	3.368	101	249528	50.022	ug/l	99
8) Diethyl Ether	3.827	74	89314	48.001	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	138901	51.785	ug/l	99
10) Methyl Iodide	4.422	142	154245	39.621	ug/l	98
11) Tert butyl alcohol	5.366	59	175737	254.207	ug/l	100
12) 1,1-Dichloroethene	4.183	96	127449	45.966	ug/l	99
13) Acrolein	4.044	56	73773	241.232	ug/l	98
14) Allyl chloride	4.843	41	229911	46.256	ug/l	97
15) Acrylonitrile	5.554	53	427936	276.259	ug/l	99
16) Acetone	4.285	43	465635	329.802	ug/l	100
17) Carbon Disulfide	4.532	76	310394	41.249	ug/l	99
18) Methyl Acetate	4.854	43	295109	55.107	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	518784	50.250	ug/l	99
20) Methylene Chloride	5.098	84	154919	47.673	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	140271	46.828	ug/l	99
22) Diisopropyl ether	6.495	45	498370	48.215	ug/l	99
23) Vinyl Acetate	6.434	43	1953740	250.026	ug/l	99
24) 1,1-Dichloroethane	6.388	63	273111	48.631	ug/l	99
25) 2-Butanone	7.335	43	630247	295.201	ug/l	98
26) 2,2-Dichloropropane	7.327	77	266541	49.802	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	174661	48.236	ug/l	100
28) Bromochloromethane	7.659	49	133049	52.308	ug/l	94
29) Tetrahydrofuran	7.683	42	387433	279.768	ug/l	97
30) Chloroform	7.817	83	303238	51.235	ug/l	100
31) Cyclohexane	8.096	56	252811	42.977	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	272294	49.352	ug/l	99
36) 1,1-Dichloropropene	8.222	75	216216	51.955	ug/l	100
37) Ethyl Acetate	7.412	43	238869	55.576	ug/l	100
38) Carbon Tetrachloride	8.206	117	231425	50.634	ug/l	99
39) Methylcyclohexane	9.462	83	276484	51.618	ug/l	96
40) Benzene	8.461	78	646417	51.010	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	115149	53.147	ug/l	94
42) 1,2-Dichloroethane	8.531	62	244049	54.385	ug/l	99
43) Isopropyl Acetate	8.560	43	405165	53.427	ug/l	99
44) Trichloroethene	9.217	130	164830	51.971	ug/l	98
45) 1,2-Dichloropropane	9.491	63	167105	50.818	ug/l	98
46) Dibromomethane	9.580	93	119611	53.288	ug/l	99
47) Bromodichloromethane	9.765	83	239168	51.418	ug/l	99
48) Methyl methacrylate	9.561	41	192546	54.037	ug/l	97
49) 1,4-Dioxane	9.569	88	71132	1023.384	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	1265062	287.694	ug/l	99
52) Toluene	10.507	92	432975	53.106	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	278002	52.763	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	285484	52.077	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	174380	54.249	ug/l	99
56) Ethyl methacrylate	10.762	69	296067	54.857	ug/l	97
57) 1,3-Dichloropropane	11.047	76	291731	55.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	450604	281.285	ug/l	98
59) 2-Hexanone	11.087	43	999136	316.844	ug/l	99
60) Dibromochloromethane	11.240	129	187359	51.638	ug/l	100
61) 1,2-Dibromoethane	11.347	107	185545	56.275	ug/l	99
64) Tetrachloroethene	10.980	164	145032	48.152	ug/l	98
65) Chlorobenzene	11.771	112	471646	53.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	175964	50.814	ug/l	99
67) Ethyl Benzene	11.846	91	877901	53.418	ug/l	99
68) m/p-Xylenes	11.956	106	659886	105.919	ug/l	100
69) o-Xylene	12.283	106	326682	52.386	ug/l	100
70) Styrene	12.296	104	550688	54.249	ug/l	99
71) Bromoform	12.460	173	141469	50.998	ug/l #	99
73) Isopropylbenzene	12.581	105	879304	50.156	ug/l	100
74) N-amyl acetate	12.388	43	353268	53.188	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	278566	54.983	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	248241m	55.393	ug/l	
77) Bromobenzene	12.862	156	202415	52.214	ug/l	99
78) n-propylbenzene	12.921	91	1031347	52.349	ug/l	100
79) 2-Chlorotoluene	13.010	91	614412	50.597	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	736497	50.437	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	93180	49.744	ug/l	95
82) 4-Chlorotoluene	13.106	91	621294	52.946	ug/l	100
83) tert-Butylbenzene	13.326	119	639553	50.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	726603	51.644	ug/l	100
85) sec-Butylbenzene	13.503	105	931513	52.913	ug/l	100
86) p-Isopropyltoluene	13.619	119	762282	53.984	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	364447	54.350	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	356473	53.563	ug/l	100
89) n-Butylbenzene	13.946	91	665042	56.574	ug/l	100
90) Hexachloroethane	14.214	117	140362	47.320	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	340294	52.242	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	54523	55.817	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	183755	51.844	ug/l	99
94) Hexachlorobutadiene	15.373	225	94290	50.836	ug/l	99
95) Naphthalene	15.509	128	532239	54.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	173735	51.535	ug/l	99

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

