

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069233.D
 Acq On : 27 Oct 2021 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 6:31:19 PM

Quant Time: Oct 28 05:23:47 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	227893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	404071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	380699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	161860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	177545	59.089	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.180%			
35) Dibromofluoromethane	8.021	113	134378	57.160	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.320%			
50) Toluene-d8	10.443	98	527118	56.038	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.080%			
62) 4-Bromofluorobenzene	12.731	95	204202	57.539	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	121227	42.900	ug/l	99
3) Chloromethane	2.301	50	131685	47.276	ug/l	100
4) Vinyl Chloride	2.443	62	155834	55.080	ug/l	100
5) Bromomethane	2.824	94	103708	66.641	ug/l	100
6) Chloroethane	2.998	64	105387	63.206	ug/l	98
7) Trichlorofluoromethane	3.363	101	207373	52.344	ug/l	98
8) Diethyl Ether	3.827	74	77538	52.471	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.208	101	111407	52.298	ug/l	99
10) Methyl Iodide	4.422	142	148475	48.022	ug/l	96
11) Tert butyl alcohol	5.372	59	174663	318.126	ug/l	100
12) 1,1-Dichloroethene	4.181	96	104139	47.292	ug/l	98
13) Acrolein	4.041	56	57776	237.880	ug/l	95
14) Allyl chloride	4.840	41	189625	48.037	ug/l	97
15) Acrylonitrile	5.554	53	398146	323.634	ug/l	99
16) Acetone	4.285	43	346058	308.624	ug/l	99
17) Carbon Disulfide	4.529	76	234358	39.215	ug/l	100
18) Methyl Acetate	4.854	43	276050	64.906	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	447760	54.609	ug/l	98
20) Methylene Chloride	5.095	84	134501	52.116	ug/l	98
21) trans-1,2-Dichloroethene	5.597	96	114558	48.154	ug/l	99
22) Diisopropyl ether	6.495	45	429683	52.343	ug/l	98
23) Vinyl Acetate	6.434	43	1665199	268.323	ug/l	98
24) 1,1-Dichloroethane	6.388	63	233935	52.450	ug/l	100
25) 2-Butanone	7.335	43	565148	333.306	ug/l	99
26) 2,2-Dichloropropane	7.327	77	178577	42.013	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	145942	50.749	ug/l	98
28) Bromochloromethane	7.659	49	100144	49.574	ug/l	98
29) Tetrahydrofuran	7.683	42	365235	332.084	ug/l	95
30) Chloroform	7.820	83	261811	55.699	ug/l	99
31) Cyclohexane	8.096	56	206414	44.183	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	232174	52.985	ug/l	99
36) 1,1-Dichloropropene	8.222	75	177313	51.374	ug/l	98
37) Ethyl Acetate	7.412	43	218155	61.201	ug/l	99
38) Carbon Tetrachloride	8.209	117	191899	50.626	ug/l	97
39) Methylcyclohexane	9.462	83	210223	47.323	ug/l	98
40) Benzene	8.461	78	548167	52.158	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	109772	61.091	ug/l	96
42) 1,2-Dichloroethane	8.531	62	213743	57.432	ug/l	99
43) Isopropyl Acetate	8.560	43	363560	57.805	ug/l	99
44) Trichloroethene	9.217	130	134269	51.047	ug/l	97
45) 1,2-Dichloropropane	9.491	63	142657	52.310	ug/l	100
46) Dibromomethane	9.580	93	103668	55.689	ug/l	99
47) Bromodichloromethane	9.765	83	201533	52.243	ug/l	100
48) Methyl methacrylate	9.561	41	158914	53.775	ug/l	89
49) 1,4-Dioxane	9.569	88	76706	1319.963	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1189249	326.105	ug/l	99
52) Toluene	10.507	92	364344	53.884	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	215889	49.405	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	226295	49.774	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	150160	56.326	ug/l	100
56) Ethyl methacrylate	10.762	69	255501	57.082	ug/l	98
57) 1,3-Dichloropropane	11.047	76	252691	57.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	344487	260.758	ug/l	98
59) 2-Hexanone	11.087	43	909111	347.618	ug/l	100
60) Dibromochloromethane	11.240	129	155045	51.525	ug/l	100
61) 1,2-Dibromoethane	11.347	107	158911	58.115	ug/l	100
64) Tetrachloroethene	10.980	164	121681	49.617	ug/l	96
65) Chlorobenzene	11.771	112	392664	54.506	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	148975	52.835	ug/l	99
67) Ethyl Benzene	11.846	91	726795	54.313	ug/l	99
68) m/p-Xylenes	11.956	106	536618	105.784	ug/l	99
69) o-Xylene	12.283	106	275495	54.257	ug/l	100
70) Styrene	12.296	104	454007	54.928	ug/l	100
71) Bromoform	12.460	173	116653	51.646	ug/l #	99
73) Isopropylbenzene	12.581	105	725059	53.818	ug/l	100
74) N-amyl acetate	12.388	43	294700	57.737	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	246148	63.222	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	222592m	64.633	ug/l	
77) Bromobenzene	12.862	156	167934	56.371	ug/l	100
78) n-propylbenzene	12.921	91	810684	53.545	ug/l	100
79) 2-Chlorotoluene	13.010	91	505680	54.188	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	593185	52.861	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	70492	48.970	ug/l	93
82) 4-Chlorotoluene	13.106	91	485340	53.821	ug/l	100
83) tert-Butylbenzene	13.326	119	525013	53.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	584313	54.042	ug/l	100
85) sec-Butylbenzene	13.503	105	733674	54.231	ug/l	99
86) p-Isopropyltoluene	13.619	119	583409	53.764	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	285464	55.397	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	275962	53.958	ug/l	100
89) n-Butylbenzene	13.946	91	460208	50.944	ug/l	100
90) Hexachloroethane	14.214	117	111117	48.747	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	275490	55.035	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	48550	64.676	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	126916	46.859	ug/l	98
94) Hexachlorobutadiene	15.373	225	65926	46.252	ug/l	99
95) Naphthalene	15.509	128	417225	55.121	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	129194	49.950	ug/l	99

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

