

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069153.D
 Acq On : 25 Oct 2021 15:48
 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
 10/26/2021 6:15:34 PM

Quant Time: Oct 26 01:33:46 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	8.088	168	329224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	564893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	548908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	237126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	247263	56.964	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.920%			
35) Dibromofluoromethane	8.021	113	190957	58.102	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 116.200%			
50) Toluene-d8	10.443	98	760075	57.799	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 115.600%			
62) 4-Bromofluorobenzene	12.734	95	308740	62.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 124.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	176785	43.293	ug/l	100
3) Chloromethane	2.301	50	178909	44.460	ug/l	99
4) Vinyl Chloride	2.443	62	212468	51.983	ug/l	99
5) Bromomethane	2.824	94	143735	63.934	ug/l	98
6) Chloroethane	3.001	64	140679	58.404	ug/l	99
7) Trichlorofluoromethane	3.365	101	290374	50.736	ug/l	100
8) Diethyl Ether	3.827	74	106754	50.006	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	161361	52.434	ug/l	99
10) Methyl Iodide	4.422	142	207679	46.496	ug/l	97
11) Tert butyl alcohol	5.372	59	174598	220.129	ug/l	100
12) 1,1-Dichloroethene	4.183	96	149157	46.888	ug/l	100
13) Acrolein	4.044	56	82757	235.860	ug/l	98
14) Allyl chloride	4.841	41	264275	46.342	ug/l	95
15) Acrylonitrile	5.554	53	438035	246.468	ug/l	99
16) Acetone	4.285	43	489753	302.341	ug/l	99
17) Carbon Disulfide	4.532	76	376297	43.586	ug/l	98
18) Methyl Acetate	4.854	43	305960	49.797	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	618136	52.185	ug/l	99
20) Methylene Chloride	5.101	84	191052	51.243	ug/l	97
21) trans-1,2-Dichloroethene	5.597	96	164863	47.970	ug/l	99
22) Diisopropyl ether	6.498	45	602493	50.804	ug/l	97
23) Vinyl Acetate	6.434	43	2241365	250.002	ug/l	99
24) 1,1-Dichloroethane	6.388	63	324802	50.409	ug/l	100
25) 2-Butanone	7.335	43	659391	269.193	ug/l	97
26) 2,2-Dichloropropane	7.329	77	306446	49.905	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	207809	50.021	ug/l	99
28) Bromochloromethane	7.659	49	162333	55.626	ug/l	97
29) Tetrahydrofuran	7.683	42	387275	243.744	ug/l	96
30) Chloroform	7.820	83	357862	52.700	ug/l	99
31) Cyclohexane	8.096	56	294617	43.653	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	318961	50.387	ug/l	99
36) 1,1-Dichloropropene	8.223	75	253201	52.476	ug/l	99
37) Ethyl Acetate	7.413	43	253088	50.787	ug/l	100
38) Carbon Tetrachloride	8.209	117	271602	51.253	ug/l	98
39) Methylcyclohexane	9.462	83	319113	51.384	ug/l	97
40) Benzene	8.461	78	764494	52.032	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	127105	50.599	ug/l	95
42) 1,2-Dichloroethane	8.531	62	287710	55.298	ug/l	100
43) Isopropyl Acetate	8.560	43	445176	50.631	ug/l	99
44) Trichloroethene	9.218	130	192706	52.406	ug/l	99
45) 1,2-Dichloropropane	9.491	63	201031	52.729	ug/l	97
46) Dibromomethane	9.580	93	142263	54.665	ug/l	98
47) Bromodichloromethane	9.765	83	289207	53.626	ug/l	99
48) Methyl methacrylate	9.561	41	211648	51.230	ug/l	96
49) 1,4-Dioxane	9.569	88	76392	950.561	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	1327658	260.413	ug/l	99
52) Toluene	10.508	92	514414	54.419	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	330116	54.038	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	339306	53.384	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	204269	54.809	ug/l	99
56) Ethyl methacrylate	10.762	69	339933	54.324	ug/l	98
57) 1,3-Dichloropropane	11.047	76	344113	55.995	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	493178	266.579	ug/l	99
59) 2-Hexanone	11.087	43	1027727	281.096	ug/l	99
60) Dibromochloromethane	11.240	129	223115	53.037	ug/l	100
61) 1,2-Dibromoethane	11.347	107	213798	55.928	ug/l	99
64) Tetrachloroethene	10.980	164	171345	48.457	ug/l	97
65) Chlorobenzene	11.773	112	564872	54.383	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	210919	51.881	ug/l	99
67) Ethyl Benzene	11.846	91	1033893	53.586	ug/l	100
68) m/p-Xylenes	11.956	106	776437	106.156	ug/l	99
69) o-Xylene	12.283	106	387330	52.906	ug/l	99
70) Styrene	12.296	104	658048	55.217	ug/l	100
71) Bromoform	12.460	173	165866	50.931	ug/l #	99
73) Isopropylbenzene	12.581	105	1039847	52.685	ug/l	100
74) N-amyl acetate	12.390	43	387055	51.762	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	307816	53.966	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	258249m	51.185	ug/l	
77) Bromobenzene	12.862	156	238493	54.645	ug/l	98
78) n-propylbenzene	12.924	91	1200979	54.146	ug/l	99
79) 2-Chlorotoluene	13.010	91	726772	53.160	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	864645	52.595	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	102227	48.475	ug/l	96
82) 4-Chlorotoluene	13.106	91	721732	54.631	ug/l	100
83) tert-Butylbenzene	13.326	119	749223	52.353	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	852406	53.814	ug/l	99
85) sec-Butylbenzene	13.503	105	1075735	54.276	ug/l	100
86) p-Isopropyltoluene	13.619	119	870998	54.789	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	415095	54.985	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	406975	54.317	ug/l	99
89) n-Butylbenzene	13.946	91	740122	55.924	ug/l	100
90) Hexachloroethane	14.211	117	169058	50.625	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	392057	53.462	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	53318	48.483	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	198307	49.804	ug/l	98
94) Hexachlorobutadiene	15.373	225	105903	50.716	ug/l	100
95) Naphthalene	15.507	128	537789	48.956	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	188802	49.832	ug/l	98

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

