

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069020.D
 Acq On : 19 Oct 2021 11:13
 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
 10/20/2021 5:47:17 PM

Quant Time: Oct 20 05:47:03 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	298774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	519053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	493860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	222124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	200039	50.781	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.560%	
35) Dibromofluoromethane	8.021	113	152450	50.482	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.960%	
50) Toluene-d8	10.443	98	625871	51.797	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.733	95	249862	54.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	179979	48.416	ug/l	100
3) Chloromethane	2.301	50	188029	51.489	ug/l	100
4) Vinyl Chloride	2.443	62	223560	60.272	ug/l	99
5) Bromomethane	2.832	94	142347	69.769	ug/l	99
6) Chloroethane	3.006	64	141374	64.674	ug/l	99
7) Trichlorofluoromethane	3.368	101	291201	56.066	ug/l	99
8) Diethyl Ether	3.824	74	103752	53.553	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.213	101	161321	57.763	ug/l	99
10) Methyl Iodide	4.425	142	208740	51.497	ug/l	98
11) Tert butyl alcohol	5.366	59	174309	242.162	ug/l	100
12) 1,1-Dichloroethene	4.183	96	151123	52.347	ug/l	99
13) Acrolein	4.041	56	80704	253.451	ug/l	99
14) Allyl chloride	4.840	41	267560	51.700	ug/l	95
15) Acrylonitrile	5.551	53	424175	262.993	ug/l	99
16) Acetone	4.283	43	464689	316.105	ug/l	100
17) Carbon Disulfide	4.535	76	400847	51.162	ug/l	99
18) Methyl Acetate	4.851	43	299299	53.677	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	590243	54.908	ug/l	99
20) Methylene Chloride	5.098	84	182466	53.928	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	162594	52.132	ug/l	99
22) Diisopropyl ether	6.495	45	596182	55.395	ug/l	98
23) Vinyl Acetate	6.434	43	2216642	272.443	ug/l	99
24) 1,1-Dichloroethane	6.388	63	324311	55.462	ug/l	100
25) 2-Butanone	7.332	43	627607	282.330	ug/l	98
26) 2,2-Dichloropropane	7.327	77	313785	56.309	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	203065	53.860	ug/l	100
28) Bromochloromethane	7.657	49	139509	52.677	ug/l	98
29) Tetrahydrofuran	7.681	42	384266	266.499	ug/l	97
30) Chloroform	7.817	83	350413	56.862	ug/l	100
31) Cyclohexane	8.096	56	304153	49.659	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	317378	55.247	ug/l	99
36) 1,1-Dichloropropene	8.222	75	253101	57.088	ug/l	99
37) Ethyl Acetate	7.410	43	245684	53.655	ug/l	99
38) Carbon Tetrachloride	8.209	117	271593	55.778	ug/l	98
39) Methylcyclohexane	9.461	83	328978	57.651	ug/l	97
40) Benzene	8.461	78	756949	56.069	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	120543	52.225	ug/l	93
42) 1,2-Dichloroethane	8.531	62	279441	58.452	ug/l	100
43) Isopropyl Acetate	8.560	43	443928	54.948	ug/l	99
44) Trichloroethene	9.217	130	192510	56.976	ug/l	99
45) 1,2-Dichloropropane	9.491	63	197237	56.303	ug/l	99
46) Dibromomethane	9.577	93	137138	57.349	ug/l	97
47) Bromodichloromethane	9.762	83	283135	57.137	ug/l	100
48) Methyl methacrylate	9.561	41	207546	54.674	ug/l	97
49) 1,4-Dioxane	9.569	88	75085	1014.326	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1302732	278.090	ug/l	99
52) Toluene	10.507	92	506458	58.309	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	322709	57.491	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	333217	57.056	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	196612	57.413	ug/l	99
56) Ethyl methacrylate	10.762	69	327536	56.966	ug/l	98
57) 1,3-Dichloropropane	11.047	76	332276	58.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	403453	239.397	ug/l	99
59) 2-Hexanone	11.084	43	999210	297.432	ug/l	100
60) Dibromochloromethane	11.240	129	215557	55.766	ug/l	100
61) 1,2-Dibromoethane	11.347	107	205686	58.558	ug/l	99
64) Tetrachloroethene	10.980	164	162797	51.172	ug/l	95
65) Chlorobenzene	11.771	112	545630	58.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	202827	55.451	ug/l	100
67) Ethyl Benzene	11.846	91	1017199	58.597	ug/l	100
68) m/p-Xylenes	11.956	106	773764	117.582	ug/l	100
69) o-Xylene	12.280	106	381072	57.853	ug/l	99
70) Styrene	12.296	104	643678	60.032	ug/l	100
71) Bromoform	12.457	173	155909	53.209	ug/l #	99
73) Isopropylbenzene	12.581	105	1023863	55.378	ug/l	100
74) N-amyl acetate	12.388	43	390275	55.717	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	302366	56.591	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	224552m	47.512	ug/l	
77) Bromobenzene	12.862	156	225381	55.129	ug/l	98
78) n-propylbenzene	12.921	91	1193407	57.438	ug/l	100
79) 2-Chlorotoluene	13.007	91	727616	56.817	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	857010	55.651	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	103249	52.266	ug/l	98
82) 4-Chlorotoluene	13.106	91	720386	58.212	ug/l	99
83) tert-Butylbenzene	13.326	119	746639	55.696	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	848774	57.204	ug/l	100
85) sec-Butylbenzene	13.503	105	1071096	57.692	ug/l	100
86) p-Isopropyltoluene	13.619	119	876302	58.846	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	411001	58.119	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	403818	57.535	ug/l	98
89) n-Butylbenzene	13.943	91	752528	60.702	ug/l	100
90) Hexachloroethane	14.211	117	168573	53.889	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	388934	56.618	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	54439	52.846	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	186478	49.987	ug/l	99
94) Hexachlorobutadiene	15.373	225	100958	51.613	ug/l	98
95) Naphthalene	15.507	128	510542	49.563	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	177644	50.043	ug/l	98

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

