

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069198.D
 Acq On : 26 Oct 2021 20:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:05:48 PM

Quant Time: Oct 27 06:59:14 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	251344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	443047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	420377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	179777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	180885	54.584	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.160%			
35) Dibromofluoromethane	8.024	113	139629	54.168	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.340%			
50) Toluene-d8	10.443	98	551461	53.469	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.940%			
62) 4-Bromofluorobenzene	12.734	95	207859	53.417	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	121742	39.173	ug/l	100
3) Chloromethane	2.301	50	127907	41.635	ug/l	100
4) Vinyl Chloride	2.443	62	155585	49.861	ug/l	99
5) Bromomethane	2.829	94	100196	58.377	ug/l	99
6) Chloroethane	3.003	64	103476	56.269	ug/l	98
7) Trichlorofluoromethane	3.371	101	211554	48.417	ug/l	100
8) Diethyl Ether	3.827	74	78694	48.284	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	113537	48.325	ug/l	100
10) Methyl Iodide	4.425	142	145012	42.526	ug/l	97
11) Tert butyl alcohol	5.372	59	157144	259.513	ug/l	99
12) 1,1-Dichloroethene	4.186	96	110501	45.499	ug/l	96
13) Acrolein	4.039	56	59208	221.031	ug/l	96
14) Allyl chloride	4.840	41	191337	43.948	ug/l	97
15) Acrylonitrile	5.554	53	385779	284.323	ug/l	99
16) Acetone	4.285	43	323799	261.830	ug/l	100
17) Carbon Disulfide	4.532	76	247624	37.569	ug/l	100
18) Methyl Acetate	4.854	43	265819	56.669	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	453871	50.190	ug/l	99
20) Methylene Chloride	5.101	84	136088	47.811	ug/l	95
21) trans-1,2-Dichloroethene	5.599	96	119077	45.384	ug/l	99
22) Diisopropyl ether	6.498	45	436234	48.182	ug/l	99
23) Vinyl Acetate	6.434	43	1679147	245.326	ug/l	98
24) 1,1-Dichloroethane	6.388	63	236891	48.157	ug/l	100
25) 2-Butanone	7.335	43	532858	284.941	ug/l	98
26) 2,2-Dichloropropane	7.327	77	191818	40.917	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	151355	47.720	ug/l	98
28) Bromochloromethane	7.662	49	111186	49.905	ug/l	97
29) Tetrahydrofuran	7.683	42	350301	288.788	ug/l	96
30) Chloroform	7.820	83	265419	51.198	ug/l	98
31) Cyclohexane	8.096	56	214028	41.538	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	235815	48.795	ug/l	99
36) 1,1-Dichloropropene	8.222	75	185427	48.999	ug/l	98
37) Ethyl Acetate	7.412	43	209649	53.640	ug/l	99
38) Carbon Tetrachloride	8.209	117	197869	47.608	ug/l	99
39) Methylcyclohexane	9.462	83	217806	44.717	ug/l	96
40) Benzene	8.461	78	562712	48.832	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	106857	54.237	ug/l	95
42) 1,2-Dichloroethane	8.531	62	214281	52.512	ug/l	100
43) Isopropyl Acetate	8.560	43	360000	52.204	ug/l	99
44) Trichloroethene	9.220	130	140345	48.663	ug/l	98
45) 1,2-Dichloropropane	9.494	63	145871	48.783	ug/l	99
46) Dibromomethane	9.580	93	106159	52.010	ug/l	99
47) Bromodichloromethane	9.762	83	207091	48.961	ug/l	98
48) Methyl methacrylate	9.561	41	155866	48.104	ug/l	87
49) 1,4-Dioxane	9.566	88	69484	1096.693	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1144814	286.304	ug/l	99
52) Toluene	10.507	92	374549	50.520	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	225316	47.027	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	234344	47.010	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	153286	52.441	ug/l	99
56) Ethyl methacrylate	10.762	69	257632	52.495	ug/l	97
57) 1,3-Dichloropropane	11.047	76	257882	53.504	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	331129	230.910	ug/l	98
59) 2-Hexanone	11.087	43	854813	298.102	ug/l	100
60) Dibromochloromethane	11.240	129	161128	48.836	ug/l	99
61) 1,2-Dibromoethane	11.347	107	160554	53.550	ug/l	99
64) Tetrachloroethene	10.980	164	124588	46.007	ug/l	99
65) Chlorobenzene	11.771	112	403272	50.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	154486	49.618	ug/l	99
67) Ethyl Benzene	11.846	91	744139	50.360	ug/l	99
68) m/p-Xylenes	11.956	106	555777	99.220	ug/l	99
69) o-Xylene	12.283	106	282017	50.299	ug/l	100
70) Styrene	12.296	104	465712	51.026	ug/l	99
71) Bromoform	12.460	173	119512	47.917	ug/l #	99
73) Isopropylbenzene	12.581	105	745550	49.824	ug/l	99
74) N-amyl acetate	12.388	43	292736	51.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	243227	56.246	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	206329m	53.940	ug/l	
77) Bromobenzene	12.862	156	172147	52.026	ug/l	99
78) n-propylbenzene	12.921	91	830680	49.398	ug/l	99
79) 2-Chlorotoluene	13.010	91	514250	49.615	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	613493	49.222	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	72335	45.242	ug/l	95
82) 4-Chlorotoluene	13.106	91	494734	49.395	ug/l	100
83) tert-Butylbenzene	13.326	119	541129	49.874	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	601048	50.050	ug/l	100
85) sec-Butylbenzene	13.503	105	751618	50.020	ug/l	99
86) p-Isopropyltoluene	13.619	119	593730	49.262	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	290680	50.787	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	279810	49.258	ug/l	99
89) n-Butylbenzene	13.943	91	473827	47.224	ug/l	100
90) Hexachloroethane	14.214	117	114391	45.182	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	279985	50.359	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	45766	54.891	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	124396	41.657	ug/l	100
94) Hexachlorobutadiene	15.373	225	68860	43.496	ug/l	99
95) Naphthalene	15.507	128	368265	44.587	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	122198	42.909	ug/l	100

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

