

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071821.D
 Acq On : 04 Apr 2022 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 01:14:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	481611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	754600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	677395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	276493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	277184	50.414	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.820%			
35) Dibromofluoromethane	8.022	113	231000	52.022	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.040%			
50) Toluene-d8	10.439	98	940925	51.800	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.600%			
62) 4-Bromofluorobenzene	12.727	95	314899	53.602	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	197860	51.676	ug/l	99
3) Chloromethane	2.299	50	230826	47.575	ug/l	96
4) Vinyl Chloride	2.446	62	266518	50.021	ug/l	99
5) Bromomethane	2.840	94	154316	44.554	ug/l	99
6) Chloroethane	3.010	64	170392	44.454	ug/l	98
7) Trichlorofluoromethane	3.375	101	332737	49.085	ug/l	97
8) Diethyl Ether	3.828	74	156724	54.706	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	216088	51.728	ug/l	100
10) Methyl Iodide	4.422	142	258734	44.308	ug/l	99
11) Tert butyl alcohol	5.357	59	218013	244.338	ug/l	100
12) 1,1-Dichloroethene	4.187	96	201510	50.691	ug/l	98
13) Acrolein	4.040	56	253252	232.782	ug/l	99
14) Allyl chloride	4.840	41	359030	55.645	ug/l	94
15) Acrylonitrile	5.551	53	722683	278.651	ug/l	98
16) Acetone	4.281	43	675179	287.345	ug/l	94
17) Carbon Disulfide	4.534	76	456318	50.030	ug/l	100
18) Methyl Acetate	4.851	43	304074	52.329	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	795185	53.844	ug/l	98
20) Methylene Chloride	5.092	84	252775	51.039	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	218009	49.957	ug/l	99
22) Diisopropyl ether	6.492	45	798155	56.823	ug/l	97
23) Vinyl Acetate	6.428	43	3247366	290.725	ug/l	98
24) 1,1-Dichloroethane	6.386	63	446119	54.102	ug/l	100
25) 2-Butanone	7.328	43	958568	282.980	ug/l	100
26) 2,2-Dichloropropane	7.322	77	374832	52.914	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	280469	52.411	ug/l	100
28) Bromochloromethane	7.651	49	174561	52.478	ug/l	95
29) Tetrahydrofuran	7.675	42	594461	271.025	ug/l	98
30) Chloroform	7.816	83	452101	51.924	ug/l	100
31) Cyclohexane	8.092	56	376097	50.299	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	383043	51.424	ug/l	99
36) 1,1-Dichloropropene	8.216	75	322778	52.054	ug/l	99
37) Ethyl Acetate	7.404	43	364911	53.766	ug/l	99
38) Carbon Tetrachloride	8.204	117	325718	53.597	ug/l	99
39) Methylcyclohexane	9.457	83	404540	54.806	ug/l	99
40) Benzene	8.457	78	1025302	52.343	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	198238	59.653	ug/l	88
42) 1,2-Dichloroethane	8.528	62	341813	50.445	ug/l	98
43) Isopropyl Acetate	8.557	43	565190	50.066	ug/l	99
44) Trichloroethene	9.216	130	258341	51.192	ug/l	99
45) 1,2-Dichloropropane	9.486	63	266704	54.502	ug/l	99
46) Dibromomethane	9.575	93	172372	51.880	ug/l	98
47) Bromodichloromethane	9.757	83	367377	56.172	ug/l	99
48) Methyl methacrylate	9.557	41	246878	52.712	ug/l	95
49) 1,4-Dioxane	9.563	88	106405	957.044	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	1818592	280.194	ug/l	99
52) Toluene	10.504	92	661774	53.446	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	400273	58.395	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	437059	57.707	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	268843	52.756	ug/l	98
56) Ethyl methacrylate	10.757	69	419736	57.737	ug/l	95
57) 1,3-Dichloropropane	11.039	76	453538	53.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	443598	201.717	ug/l	98
59) 2-Hexanone	11.080	43	1305190	285.622	ug/l	99
60) Dibromochloromethane	11.233	129	292186	58.802	ug/l	99
61) 1,2-Dibromoethane	11.339	107	268429	53.511	ug/l	99
64) Tetrachloroethene	10.974	164	221470	49.512	ug/l	98
65) Chlorobenzene	11.768	112	705063	51.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	265858	54.318	ug/l	100
67) Ethyl Benzene	11.839	91	1261936	54.958	ug/l	99
68) m/p-Xylenes	11.951	106	967101	109.618	ug/l	99
69) o-Xylene	12.274	106	483059	55.163	ug/l	99
70) Styrene	12.292	104	775044	58.415	ug/l	100
71) Bromoform	12.451	173	219757	58.960	ug/l #	99
73) Isopropylbenzene	12.574	105	1240142	53.227	ug/l	100
74) N-amyl acetate	12.386	43	381559	57.156	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	393522	50.621	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	296608m	46.308	ug/l	
77) Bromobenzene	12.857	156	286732	49.091	ug/l	97
78) n-propylbenzene	12.915	91	1375923	56.140	ug/l	100
79) 2-Chlorotoluene	13.004	91	830382	52.831	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1001605	54.257	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	120946	58.516	ug/l	95
82) 4-Chlorotoluene	13.098	91	792880	54.422	ug/l	99
83) tert-Butylbenzene	13.321	119	905545	53.663	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	981330	54.483	ug/l	99
85) sec-Butylbenzene	13.498	105	1238606	56.622	ug/l	100
86) p-Isopropyltoluene	13.610	119	998826	57.266	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	484289	52.045	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	467007	51.443	ug/l	99
89) n-Butylbenzene	13.939	91	757541	58.559	ug/l	99
90) Hexachloroethane	14.204	117	193948	60.745	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	464371	50.834	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.598	75	67730	56.169	ug/l	97
93) 1,2,4-Trichlorobenzene	15.262	180	221286	50.276	ug/l	100
94) Hexachlorobutadiene	15.362	225	133585	49.582	ug/l	99
95) Naphthalene	15.504	128	585772	46.788	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	212756	49.916	ug/l	100

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

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