

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071537.D
 Acq On : 25 Mar 2022 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 26 03:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	638642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	989819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	916069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	396124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	392148	49.423	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.840%		
35) Dibromofluoromethane	8.016	113	318877	51.261	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.520%		
50) Toluene-d8	10.439	98	1279676	51.001	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.000%		
62) 4-Bromofluorobenzene	12.727	95	437006	53.154	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	370969	55.669	ug/l	99
3) Chloromethane	2.299	50	426588	57.223	ug/l	100
4) Vinyl Chloride	2.440	62	488863	54.397	ug/l	99
5) Bromomethane	2.834	94	313617	66.122	ug/l	98
6) Chloroethane	3.005	64	321051	53.299	ug/l	99
7) Trichlorofluoromethane	3.369	101	566963	54.662	ug/l	99
8) Diethyl Ether	3.822	74	241002	55.740	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	347711	55.954	ug/l	99
10) Methyl Iodide	4.416	142	494452	55.183	ug/l	99
11) Tert butyl alcohol	5.363	59	362989	245.497	ug/l	100
12) 1,1-Dichloroethene	4.181	96	340210	55.588	ug/l	97
13) Acrolein	4.040	56	265464	234.762	ug/l	98
14) Allyl chloride	4.840	41	547555	55.421	ug/l	99
15) Acrylonitrile	5.546	53	1037930	258.197	ug/l	100
16) Acetone	4.275	43	1128488	346.983	ug/l	99
17) Carbon Disulfide	4.528	76	882915	55.310	ug/l	100
18) Methyl Acetate	4.846	43	448284	52.663	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	1221478	55.802	ug/l	97
20) Methylene Chloride	5.093	84	397327	52.431	ug/l	96
21) trans-1,2-Dichloroethene	5.593	96	365555	55.035	ug/l	99
22) Diisopropyl ether	6.487	45	1150655	56.178	ug/l	97
23) Vinyl Acetate	6.428	43	4976915	283.032	ug/l	100
24) 1,1-Dichloroethane	6.381	63	683691	55.093	ug/l	98
25) 2-Butanone	7.328	43	1493251	286.175	ug/l	100
26) 2,2-Dichloropropane	7.322	77	600640	57.853	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	439211	55.461	ug/l	100
28) Bromochloromethane	7.657	49	263642	51.993	ug/l	100
29) Tetrahydrofuran	7.675	42	895135	257.994	ug/l	100
30) Chloroform	7.816	83	690215	55.483	ug/l	100
31) Cyclohexane	8.092	56	616399	54.290	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	602306	55.580	ug/l	100
36) 1,1-Dichloropropene	8.216	75	526245	58.673	ug/l	99
37) Ethyl Acetate	7.404	43	540975	55.335	ug/l	100
38) Carbon Tetrachloride	8.198	117	510686	58.411	ug/l	99
39) Methylcyclohexane	9.457	83	686110	62.353	ug/l	98
40) Benzene	8.457	78	1584897	56.767	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	267932	57.726	ug/l	97
42) 1,2-Dichloroethane	8.528	62	557918	57.291	ug/l	100
43) Isopropyl Acetate	8.551	43	852030	54.556	ug/l	99
44) Trichloroethene	9.210	130	419110	57.831	ug/l	98
45) 1,2-Dichloropropane	9.486	63	392856	56.804	ug/l	100
46) Dibromomethane	9.575	93	268477	57.037	ug/l	99
47) Bromodichloromethane	9.757	83	540295	58.562	ug/l	98
48) Methyl methacrylate	9.551	41	415729	58.903	ug/l	98
49) 1,4-Dioxane	9.563	88	175778	1079.339	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	2711022	276.983	ug/l	99
52) Toluene	10.498	92	1022551	58.518	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	609548	61.443	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	656066	59.969	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	397094	56.054	ug/l	98
56) Ethyl methacrylate	10.757	69	640616	59.990	ug/l	100
57) 1,3-Dichloropropane	11.039	76	689467	57.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	639768	194.279	ug/l	100
59) 2-Hexanone	11.080	43	2054950	291.237	ug/l	100
60) Dibromochloromethane	11.233	129	424200	59.368	ug/l	99
61) 1,2-Dibromoethane	11.339	107	418728	58.586	ug/l	99
64) Tetrachloroethene	10.975	164	361368	57.071	ug/l	98
65) Chlorobenzene	11.763	112	1105904	56.901	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	401428	58.385	ug/l	99
67) Ethyl Benzene	11.839	91	1975742	59.213	ug/l	98
68) m/p-Xylenes	11.945	106	1546078	121.097	ug/l	100
69) o-Xylene	12.274	106	758406	59.794	ug/l	99
70) Styrene	12.286	104	1221645	61.775	ug/l	100
71) Bromoform	12.451	173	327385	60.540	ug/l	100
73) Isopropylbenzene	12.574	105	1938477	55.506	ug/l	100
74) N-amyl acetate	12.380	43	629990	56.122	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	602298	58.814	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	520016m	58.871	ug/l	
77) Bromobenzene	12.857	156	466304	53.577	ug/l	99
78) n-propylbenzene	12.916	91	2161088	58.162	ug/l	100
79) 2-Chlorotoluene	13.004	91	1307342	54.527	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1555913	56.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	187692	56.889	ug/l	99
82) 4-Chlorotoluene	13.098	91	1262279	57.185	ug/l	100
83) tert-Butylbenzene	13.321	119	1409024	56.620	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1527647	57.425	ug/l	100
85) sec-Butylbenzene	13.498	105	1923407	58.311	ug/l	99
86) p-Isopropyltoluene	13.610	119	1589361	60.444	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	794890	56.305	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	762766	54.667	ug/l	98
89) n-Butylbenzene	13.939	91	1207618	59.968	ug/l	99
90) Hexachloroethane	14.204	117	282063	54.958	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	746666	55.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	105107	50.897	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	368112	58.703	ug/l	99
94) Hexachlorobutadiene	15.363	225	222484	58.670	ug/l	97
95) Naphthalene	15.504	128	967866	48.135	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	357890	57.520	ug/l	98

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

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