

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075274.D
 Acq On : 15 Nov 2022 11:00
 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 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 01:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	118553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	205245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	189914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71034	44.470	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.940%		
35) Dibromofluoromethane	8.165	113	61968	51.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.860%		
50) Toluene-d8	10.565	98	223759	47.866	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.740%		
62) 4-Bromofluorobenzene	12.847	95	87371	53.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	65601	42.536	ug/l	99
3) Chloromethane	2.371	50	66601	40.656	ug/l	100
4) Vinyl Chloride	2.530	62	96254	41.188	ug/l	98
5) Bromomethane	2.924	94	87839	52.778	ug/l	97
6) Chloroethane	3.100	64	68925	41.131	ug/l	97
7) Trichlorofluoromethane	3.494	101	121900	51.062	ug/l	96
8) Diethyl Ether	3.965	74	45481	52.232	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	71277	54.064	ug/l	98
10) Methyl Iodide	4.594	142	104259	53.119	ug/l	97
11) Tert butyl alcohol	5.536	59	68118	182.862	ug/l	99
12) 1,1-Dichloroethene	4.347	96	64894	51.639	ug/l	95
13) Acrolein	4.189	56	56234	184.560	ug/l	99
14) Allyl chloride	5.036	41	91601	49.908	ug/l	97
15) Acrylonitrile	5.730	53	180916	229.909	ug/l	99
16) Acetone	4.436	43	178893	264.493	ug/l	98
17) Carbon Disulfide	4.718	76	160674	50.842	ug/l	98
18) Methyl Acetate	5.030	43	99901	45.218	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	237589	50.867	ug/l	100
20) Methylene Chloride	5.283	84	77567	51.435	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	74173	53.906	ug/l	95
22) Diisopropyl ether	6.677	45	210494	51.968	ug/l	97
23) Vinyl Acetate	6.612	43	816292m	241.340	ug/l	
24) 1,1-Dichloroethane	6.571	63	130597	50.980	ug/l	98
25) 2-Butanone	7.488	43	246107	231.336	ug/l	99
26) 2,2-Dichloropropane	7.494	77	117223	49.741	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	88177	53.662	ug/l	97
28) Bromochloromethane	7.812	49	49172	45.535	ug/l	95
29) Tetrahydrofuran	7.841	42	156410	227.522	ug/l	98
30) Chloroform	7.971	83	144994	52.131	ug/l	100
31) Cyclohexane	8.259	56	115699	48.700	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	131749	52.162	ug/l	97
36) 1,1-Dichloropropene	8.371	75	106649	57.173	ug/l	98
37) Ethyl Acetate	7.565	43	93872	45.887	ug/l	99
38) Carbon Tetrachloride	8.365	117	117042	57.040	ug/l	98
39) Methylcyclohexane	9.600	83	144811	58.804	ug/l	98
40) Benzene	8.606	78	323400	56.622	ug/l	98

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41) Methacrylonitrile	7.788	41	49453	50.457	ug/l	98
42) 1,2-Dichloroethane	8.671	62	109403	52.649	ug/l	96
43) Isopropyl Acetate	8.688	43	156540	49.332	ug/l	98
44) Trichloroethene	9.353	130	84963	59.292	ug/l	98
45) 1,2-Dichloropropane	9.623	63	77769	57.215	ug/l	99
46) Dibromomethane	9.706	93	57999	54.770	ug/l	96
47) Bromodichloromethane	9.888	83	113198	55.199	ug/l	99
48) Methyl methacrylate	9.682	41	72218	49.614	ug/l	98
49) 1,4-Dioxane	9.694	88	39852	1045.535	ug/l #	86
51) 4-Methyl-2-Pentanone	10.441	43	488265	238.448	ug/l	98
52) Toluene	10.629	92	218529	57.237	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	119726	55.313	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	130720	56.939	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	84089	55.546	ug/l	97
56) Ethyl methacrylate	10.870	69	122205	52.921	ug/l	99
57) 1,3-Dichloropropane	11.165	76	138568	54.963	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	228225	255.647	ug/l	99
59) 2-Hexanone	11.194	43	372335	239.580	ug/l	98
60) Dibromochloromethane	11.359	129	91987	57.593	ug/l	99
61) 1,2-Dibromoethane	11.470	107	85953	55.403	ug/l	100
64) Tetrachloroethene	11.106	164	76112	65.370	ug/l	96
65) Chlorobenzene	11.888	112	231378	57.077	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	85691	56.984	ug/l	98
67) Ethyl Benzene	11.965	91	425350	58.321	ug/l	97
68) m/p-Xylenes	12.070	106	339268	115.933	ug/l	98
69) o-Xylene	12.400	106	168713	58.296	ug/l	96
70) Styrene	12.412	104	277545	60.145	ug/l	98
71) Bromoform	12.576	173	67693	60.125	ug/l #	97
73) Isopropylbenzene	12.694	105	441317	51.925	ug/l	98
74) N-amyl acetate	12.494	43	140765	44.781	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	126785	51.746	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	103829m	46.191	ug/l	
77) Bromobenzene	12.982	156	100564	53.737	ug/l	91
78) n-propylbenzene	13.035	91	505516	52.977	ug/l	100
79) 2-Chlorotoluene	13.123	91	292968	50.243	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	385236	53.966	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	38786	44.293	ug/l	94
82) 4-Chlorotoluene	13.123	91	292968	50.243	ug/l	97
83) tert-Butylbenzene	13.435	119	336740	53.088	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	386456	53.506	ug/l	98
85) sec-Butylbenzene	13.617	105	488245	55.023	ug/l	100
86) p-Isopropyltoluene	13.729	119	424953	57.988	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	215416	58.791	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	211167	58.232	ug/l	98
89) n-Butylbenzene	14.053	91	354265	60.032	ug/l	99
90) Hexachloroethane	14.329	117	68138	50.712	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	208945	57.360	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25731	44.883	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	107435	68.539	ug/l	98
94) Hexachlorobutadiene	15.500	225	50980	66.714	ug/l	99
95) Naphthalene	15.641	128	348485	57.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	103283	66.314	ug/l	97

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

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