

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071295.D
 Acq On : 15 Mar 2022 16:28
 Operator : JC\MD
 Sample : VN0315WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 08:01:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	638923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1030242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	906363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	354567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	391475	44.706	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.420%		
35) Dibromofluoromethane	8.022	113	290912	44.748	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.500%		
50) Toluene-d8	10.439	98	1172998	44.812	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.620%		
62) 4-Bromofluorobenzene	12.727	95	379814	42.850	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	117313	16.753	ug/l	99
3) Chloromethane	2.299	50	169818	18.042	ug/l	99
4) Vinyl Chloride	2.440	62	147703	17.212	ug/l	100
5) Bromomethane	2.846	94	85862	18.661	ug/l	100
6) Chloroethane	3.010	64	95420	18.361	ug/l	91
7) Trichlorofluoromethane	3.375	101	203397	18.008	ug/l	96
8) Diethyl Ether	3.828	74	86972	17.994	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	117422	17.958	ug/l	96
10) Methyl Iodide	4.428	142	147756	15.999	ug/l	99
11) Tert butyl alcohol	5.363	59	141482	82.247	ug/l	97
12) 1,1-Dichloroethene	4.187	96	113787	17.764	ug/l	93
13) Acrolein	4.040	56	74169	40.735	ug/l	99
14) Allyl chloride	4.845	41	243154	17.453	ug/l	86
15) Acrylonitrile	5.551	53	450807	88.257	ug/l	99
16) Acetone	4.281	43	388295	91.134	ug/l	98
17) Carbon Disulfide	4.534	76	273212	14.982	ug/l	98
18) Methyl Acetate	4.851	43	232158	20.568	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	448934	18.667	ug/l	93
20) Methylene Chloride	5.098	84	145794	18.961	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	120924	17.259	ug/l	90
22) Diisopropyl ether	6.492	45	511543	18.638	ug/l	93
23) Vinyl Acetate	6.434	43	2157762	92.864	ug/l	98
24) 1,1-Dichloroethane	6.386	63	267162	18.421	ug/l	97
25) 2-Butanone	7.328	43	615369	89.658	ug/l	96
26) 2,2-Dichloropropane	7.322	77	211024	18.860	ug/l	96
27) cis-1,2-Dichloroethene	7.328	96	151531	18.223	ug/l	91
28) Bromochloromethane	7.651	49	128492	19.895	ug/l #	82
29) Tetrahydrofuran	7.681	42	427132	89.830	ug/l	91
30) Chloroform	7.816	83	259408	18.753	ug/l	100
31) Cyclohexane	8.092	56	248329	17.758	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	220785	18.738	ug/l	99
36) 1,1-Dichloropropene	8.222	75	183784	17.644	ug/l	96
37) Ethyl Acetate	7.404	43	259524	18.104	ug/l	97
38) Carbon Tetrachloride	8.204	117	183108	18.174	ug/l	98
39) Methylcyclohexane	9.457	83	223057	18.203	ug/l	95
40) Benzene	8.457	78	585821	18.666	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	126925	18.092	ug/l	88
42) 1,2-Dichloroethane	8.528	62	210548	19.279	ug/l	99
43) Isopropyl Acetate	8.557	43	445905	20.800	ug/l #	91
44) Trichloroethene	9.216	130	136476	18.430	ug/l	99
45) 1,2-Dichloropropane	9.486	63	157376	18.680	ug/l	97
46) Dibromomethane	9.575	93	97689	18.840	ug/l	97
47) Bromodichloromethane	9.757	83	197539	18.851	ug/l	97
48) Methyl methacrylate	9.557	41	182941	18.415	ug/l #	83
49) 1,4-Dioxane	9.563	88	61522	356.272	ug/l	88
51) 4-Methyl-2-Pentanone	10.327	43	1230316	92.476	ug/l	99
52) Toluene	10.504	92	364411	18.857	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	209854	18.167	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	232823	18.446	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	146833	18.961	ug/l	97
56) Ethyl methacrylate	10.757	69	231515	18.307	ug/l	90
57) 1,3-Dichloropropane	11.039	76	257807	18.547	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	270440	118.307	ug/l	95
59) 2-Hexanone	11.080	43	878256	96.750	ug/l	100
60) Dibromochloromethane	11.233	129	143580	18.661	ug/l	98
61) 1,2-Dibromoethane	11.345	107	145596	18.396	ug/l	98
64) Tetrachloroethene	10.974	164	119733	18.941	ug/l	97
65) Chlorobenzene	11.769	112	374356	19.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	137240	19.229	ug/l	99
67) Ethyl Benzene	11.839	91	673110	19.558	ug/l	97
68) m/p-Xylenes	11.951	106	509792	40.491	ug/l	98
69) o-Xylene	12.274	106	255414	20.238	ug/l	98
70) Styrene	12.292	104	393495	20.142	ug/l	97
71) Bromoform	12.457	173	104169	19.219	ug/l #	100
73) Isopropylbenzene	12.574	105	648234	18.965	ug/l	99
74) N-amyl acetate	12.386	43	241457	18.788	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	222855	20.426	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	173834m	18.448	ug/l	
77) Bromobenzene	12.857	156	148904	18.683	ug/l	80
78) n-propylbenzene	12.915	91	701131	19.116	ug/l	97
79) 2-Chlorotoluene	13.004	91	443426	18.834	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	521143	19.598	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	60352	18.400	ug/l	97
82) 4-Chlorotoluene	13.104	91	414279	19.755	ug/l	93
83) tert-Butylbenzene	13.321	119	461549	19.449	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	506301	19.878	ug/l	99
85) sec-Butylbenzene	13.498	105	615300	19.507	ug/l	99
86) p-Isopropyltoluene	13.610	119	488448	19.690	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	244168	18.854	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	237870	18.791	ug/l	98
89) n-Butylbenzene	13.939	91	358738	18.490	ug/l	96
90) Hexachloroethane	14.204	117	88316	17.903	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	240517	19.318	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36235	18.220	ug/l	87
93) 1,2,4-Trichlorobenzene	15.257	180	94758	18.322	ug/l	99
94) Hexachlorobutadiene	15.362	225	67005	19.171	ug/l	98
95) Naphthalene	15.504	128	240051	18.339	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	94718	18.818	ug/l	98

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

