

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071938.D
 Acq On : 11 Apr 2022 16:04
 Operator : JC\MD
 Sample : VN0411WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 08:40:28 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	8.081	168	603803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	934859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	819464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	314190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	329720	47.833	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.660%		
35) Dibromofluoromethane	8.016	113	289233	52.577	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.160%		
50) Toluene-d8	10.439	98	1144378	50.853	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.700%		
62) 4-Bromofluorobenzene	12.727	95	351417	48.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	67448	14.051	ug/l	94
3) Chloromethane	2.299	50	83862	13.787	ug/l	98
4) Vinyl Chloride	2.440	62	90598	13.563	ug/l	99
5) Bromomethane	2.846	94	64279	14.803	ug/l	100
6) Chloroethane	3.010	64	65712	13.674	ug/l	99
7) Trichlorofluoromethane	3.369	101	131774	15.505	ug/l	99
8) Diethyl Ether	3.822	74	61491	17.120	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	84140	16.066	ug/l	96
10) Methyl Iodide	4.416	142	105409	14.398	ug/l	99
11) Tert butyl alcohol	5.363	59	107246	95.872	ug/l	100
12) 1,1-Dichloroethene	4.181	96	78303	15.711	ug/l	92
13) Acrolein	4.040	56	99211	72.737	ug/l	97
14) Allyl chloride	4.840	41	130890	16.181	ug/l	92
15) Acrylonitrile	5.551	53	316078	97.210	ug/l	98
16) Acetone	4.281	43	233770	79.355	ug/l	94
17) Carbon Disulfide	4.528	76	140255	12.265	ug/l	98
18) Methyl Acetate	4.851	43	144504	18.866	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	329619	17.803	ug/l	96
20) Methylene Chloride	5.098	84	102868	16.567	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	84110	15.373	ug/l	97
22) Diisopropyl ether	6.492	45	312667	17.755	ug/l	95
23) Vinyl Acetate	6.428	43	1270376	90.716	ug/l	99
24) 1,1-Dichloroethane	6.386	63	179912	17.403	ug/l	99
25) 2-Butanone	7.328	43	388938	91.583	ug/l	97
26) 2,2-Dichloropropane	7.322	77	144345	16.253	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	114048	16.999	ug/l	97
28) Bromochloromethane	7.657	49	85191	20.428	ug/l	95
29) Tetrahydrofuran	7.681	42	261108	94.953	ug/l	99
30) Chloroform	7.816	83	189624	17.371	ug/l	99
31) Cyclohexane	8.092	56	140835	15.024	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	157480	16.863	ug/l	97
36) 1,1-Dichloropropene	8.216	75	123006	16.012	ug/l	99
37) Ethyl Acetate	7.410	43	155577	18.503	ug/l	96
38) Carbon Tetrachloride	8.204	117	127271	16.904	ug/l	98
39) Methylcyclohexane	9.457	83	139911	15.300	ug/l	100
40) Benzene	8.457	78	411483	16.956	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	79012	19.191	ug/l	93
42) 1,2-Dichloroethane	8.528	62	141368	16.840	ug/l	98
43) Isopropyl Acetate	8.557	43	318345	22.762	ug/l #	91
44) Trichloroethene	9.216	130	104521	16.718	ug/l	96
45) 1,2-Dichloropropane	9.486	63	109317	18.032	ug/l	99
46) Dibromomethane	9.575	93	70317	17.083	ug/l	95
47) Bromodichloromethane	9.757	83	146679	18.103	ug/l	99
48) Methyl methacrylate	9.557	41	105247	18.139	ug/l	93
49) 1,4-Dioxane	9.563	88	53361	379.068	ug/l	95
51) 4-Methyl-2-Pentanone	10.327	43	776743	96.599	ug/l	97
52) Toluene	10.498	92	266646	17.382	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	151455	17.835	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	168011	17.906	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	115994	18.373	ug/l	98
56) Ethyl methacrylate	10.757	69	171764	19.071	ug/l	95
57) 1,3-Dichloropropane	11.039	76	187607	17.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	241982	98.315	ug/l	100
59) 2-Hexanone	11.080	43	553210	97.719	ug/l	95
60) Dibromochloromethane	11.233	129	118196	19.200	ug/l	98
61) 1,2-Dibromoethane	11.345	107	112792	18.150	ug/l	100
64) Tetrachloroethene	10.974	164	89464	16.533	ug/l	97
65) Chlorobenzene	11.763	112	295544	18.011	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	109407	18.478	ug/l	99
67) Ethyl Benzene	11.839	91	493619	17.770	ug/l	98
68) m/p-Xylenes	11.951	106	371616	34.819	ug/l	98
69) o-Xylene	12.274	106	191603	18.087	ug/l	97
70) Styrene	12.292	104	300416	18.717	ug/l	98
71) Bromoform	12.451	173	89290	19.803	ug/l #	98
73) Isopropylbenzene	12.574	105	490023	18.508	ug/l	100
74) N-amyl acetate	12.386	43	144473	19.045	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	178242	20.177	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	150813m	20.720	ug/l	
77) Bromobenzene	12.857	156	119484	18.002	ug/l	99
78) n-propylbenzene	12.915	91	502153	18.030	ug/l	99
79) 2-Chlorotoluene	13.004	91	326828	18.299	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	391455	18.661	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	45957	19.567	ug/l	97
82) 4-Chlorotoluene	13.104	91	297123	17.947	ug/l	98
83) tert-Butylbenzene	13.315	119	361926	18.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	384514	18.787	ug/l	100
85) sec-Butylbenzene	13.498	105	464427	18.684	ug/l	99
86) p-Isopropyltoluene	13.610	119	371053	18.721	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	190259	17.993	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	183063	17.746	ug/l	98
89) n-Butylbenzene	13.939	91	251129	17.083	ug/l	99
90) Hexachloroethane	14.204	117	70662	19.476	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	196185	18.899	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28304	20.656	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	83203	18.031	ug/l	100
94) Hexachlorobutadiene	15.362	225	55284	18.057	ug/l	99
95) Naphthalene	15.504	128	221800	18.126	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	84457	19.008	ug/l	99

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

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