

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071367.D
 Acq On : 18 Mar 2022 13:05
 Operator : JC\MD
 Sample : VN0318WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 16:58:04 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	8.087	168	591775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	968267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	876641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	341127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	430245	53.048	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.100%			
35) Dibromofluoromethane	8.016	113	319046	52.216	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.440%			
50) Toluene-d8	10.439	98	1248313	50.742	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.727	95	418346	50.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	101613	15.667	ug/l	100
3) Chloromethane	2.299	50	143250	16.429	ug/l	99
4) Vinyl Chloride	2.440	62	128128	16.120	ug/l	97
5) Bromomethane	2.852	94	74775	17.141	ug/l	99
6) Chloroethane	3.016	64	81815	16.997	ug/l	99
7) Trichlorofluoromethane	3.375	101	178701	17.082	ug/l	99
8) Diethyl Ether	3.828	74	81410	18.185	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.216	101	106347	17.560	ug/l	95
10) Methyl Iodide	4.422	142	132381	15.476	ug/l	99
11) Tert butyl alcohol	5.363	59	131447	82.501	ug/l	100
12) 1,1-Dichloroethene	4.187	96	99694	16.804	ug/l	93
13) Acrolein	4.040	56	89783	53.239	ug/l	98
14) Allyl chloride	4.840	41	215486	16.700	ug/l	87
15) Acrylonitrile	5.546	53	414666	87.650	ug/l	99
16) Acetone	4.287	43	349354	88.527	ug/l	99
17) Carbon Disulfide	4.534	76	245263	14.521	ug/l	99
18) Methyl Acetate	4.851	43	207678	19.881	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	416082	18.680	ug/l	94
20) Methylene Chloride	5.098	84	133531	18.754	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	107814	16.614	ug/l	92
22) Diisopropyl ether	6.493	45	475525	18.706	ug/l	90
23) Vinyl Acetate	6.434	43	2014773	93.618	ug/l	96
24) 1,1-Dichloroethane	6.387	63	238070	17.723	ug/l	98
25) 2-Butanone	7.328	43	571621	89.919	ug/l	91
26) 2,2-Dichloropropane	7.322	77	186365	17.983	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	136786	17.760	ug/l	90
28) Bromochloromethane	7.657	49	99542	16.640	ug/l	84
29) Tetrahydrofuran	7.681	42	389566	88.457	ug/l	92
30) Chloroform	7.816	83	234118	18.273	ug/l	96
31) Cyclohexane	8.092	56	218533	16.873	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	194196	17.794	ug/l	97
36) 1,1-Dichloropropene	8.222	75	164587	16.812	ug/l	96
37) Ethyl Acetate	7.410	43	240960	17.885	ug/l	97
38) Carbon Tetrachloride	8.204	117	164902	17.415	ug/l	96
39) Methylcyclohexane	9.457	83	196297	17.045	ug/l	94
40) Benzene	8.457	78	522538	17.716	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	122141	18.525	ug/l	86
42) 1,2-Dichloroethane	8.528	62	195610	19.058	ug/l	100
43) Isopropyl Acetate	8.557	43	364251	18.079	ug/l	95
44) Trichloroethene	9.216	130	123002	17.674	ug/l	94
45) 1,2-Dichloropropane	9.486	63	142176	17.956	ug/l	100
46) Dibromomethane	9.575	93	89447	18.354	ug/l	98
47) Bromodichloromethane	9.757	83	185081	18.792	ug/l	100
48) Methyl methacrylate	9.557	41	171896	18.410	ug/l #	83
49) 1,4-Dioxane	9.563	88	56387	347.436	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	1142743	91.392	ug/l	99
52) Toluene	10.504	92	323005	17.784	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	197542	18.196	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	214265	18.063	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	132971	18.270	ug/l	98
56) Ethyl methacrylate	10.757	69	215143	18.101	ug/l	92
57) 1,3-Dichloropropane	11.039	76	237173	18.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	254102	118.282	ug/l	95
59) 2-Hexanone	11.080	43	807962	94.704	ug/l	99
60) Dibromochloromethane	11.233	129	136269	18.844	ug/l	98
61) 1,2-Dibromoethane	11.339	107	132963	17.875	ug/l	100
64) Tetrachloroethene	10.975	164	105280	17.219	ug/l	99
65) Chlorobenzene	11.769	112	338540	17.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	128780	18.655	ug/l	99
67) Ethyl Benzene	11.839	91	603151	18.120	ug/l	96
68) m/p-Xylenes	11.951	106	449199	36.888	ug/l	97
69) o-Xylene	12.275	106	222333	18.214	ug/l	97
70) Styrene	12.292	104	353147	18.690	ug/l	98
71) Bromoform	12.457	173	101034	19.272	ug/l #	99
73) Isopropylbenzene	12.574	105	576793	17.540	ug/l	99
74) N-amyl acetate	12.386	43	235420	19.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	214790	20.467	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	164141m	18.050	ug/l	
77) Bromobenzene	12.857	156	134446	17.533	ug/l	79
78) n-propylbenzene	12.916	91	632251	17.917	ug/l	96
79) 2-Chlorotoluene	13.004	91	398272	17.583	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	468622	18.317	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	57952	18.364	ug/l	93
82) 4-Chlorotoluene	13.104	91	372299	18.452	ug/l	95
83) tert-Butylbenzene	13.321	119	412030	18.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	465663	19.003	ug/l	97
85) sec-Butylbenzene	13.498	105	549984	18.123	ug/l	99
86) p-Isopropyltoluene	13.610	119	443051	18.564	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	221138	17.749	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	216049	17.739	ug/l	97
89) n-Butylbenzene	13.939	91	324524	17.385	ug/l	96
90) Hexachloroethane	14.210	117	84847	17.877	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	220926	18.444	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36224	18.933	ug/l	87
93) 1,2,4-Trichlorobenzene	15.257	180	96152	19.160	ug/l	99
94) Hexachlorobutadiene	15.368	225	58750	17.471	ug/l	99
95) Naphthalene	15.504	128	254112	19.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	93014	19.151	ug/l	99

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

