

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071326.D
 Acq On : 16 Mar 2022 17:36
 Operator : JC\MD
 Sample : VN0316WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 17 05:19:42 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	719391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1163353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1030540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	416536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	476950	48.375	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.740%		
35) Dibromofluoromethane	8.022	113	354656	48.311	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.620%		
50) Toluene-d8	10.439	98	1419276	48.017	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.040%		
62) 4-Bromofluorobenzene	12.727	95	468404	46.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	123797	15.702	ug/l	98
3) Chloromethane	2.299	50	172405	16.265	ug/l	100
4) Vinyl Chloride	2.440	62	154853	16.026	ug/l	97
5) Bromomethane	2.840	94	81967	14.790	ug/l	94
6) Chloroethane	3.010	64	98231	16.787	ug/l	99
7) Trichlorofluoromethane	3.369	101	209357	16.462	ug/l	93
8) Diethyl Ether	3.822	74	90999	16.721	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	123188	16.733	ug/l	96
10) Methyl Iodide	4.422	142	139064	13.374	ug/l	99
11) Tert butyl alcohol	5.363	59	156857	80.985	ug/l	100
12) 1,1-Dichloroethene	4.187	96	118867	16.482	ug/l	89
13) Acrolein	4.040	56	90074	43.937	ug/l	97
14) Allyl chloride	4.840	41	256650	16.361	ug/l	89
15) Acrylonitrile	5.551	53	465272	80.900	ug/l	99
16) Acetone	4.281	43	388496	80.982	ug/l	98
17) Carbon Disulfide	4.528	76	285125	13.887	ug/l	99
18) Methyl Acetate	4.852	43	241803	19.061	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	492705	18.196	ug/l	97
20) Methylene Chloride	5.099	84	147507	17.077	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	129903	16.467	ug/l	91
22) Diisopropyl ether	6.493	45	539064	17.444	ug/l	91
23) Vinyl Acetate	6.428	43	2319720	88.667	ug/l	98
24) 1,1-Dichloroethane	6.387	63	277720	17.007	ug/l	99
25) 2-Butanone	7.334	43	646007	83.594	ug/l	94
26) 2,2-Dichloropropane	7.328	77	228703	18.154	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	157123	16.782	ug/l	88
28) Bromochloromethane	7.657	49	102371	14.078	ug/l	84
29) Tetrahydrofuran	7.681	42	441731	82.509	ug/l	93
30) Chloroform	7.816	83	265563	17.051	ug/l	100
31) Cyclohexane	8.092	56	262992	16.703	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	232257	17.507	ug/l	97
36) 1,1-Dichloropropene	8.222	75	194762	16.558	ug/l	97
37) Ethyl Acetate	7.410	43	260704	16.105	ug/l	98
38) Carbon Tetrachloride	8.204	117	197478	17.358	ug/l	99
39) Methylcyclohexane	9.457	83	239476	17.307	ug/l	94
40) Benzene	8.457	78	615573	17.370	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	137862	17.403	ug/l	87
42) 1,2-Dichloroethane	8.528	62	217840	17.664	ug/l	98
43) Isopropyl Acetate	8.557	43	443084	18.304	ug/l	95
44) Trichloroethene	9.216	130	146435	17.513	ug/l	94
45) 1,2-Dichloropropane	9.486	63	163336	17.169	ug/l	97
46) Dibromomethane	9.575	93	102005	17.421	ug/l	97
47) Bromodichloromethane	9.757	83	205961	17.406	ug/l	99
48) Methyl methacrylate	9.557	41	202276	18.031	ug/l #	83
49) 1,4-Dioxane	9.569	88	62340	319.703	ug/l	87
51) 4-Methyl-2-Pentanone	10.328	43	1327289	88.350	ug/l	99
52) Toluene	10.504	92	380538	17.438	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	231085	17.716	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	254124	17.830	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	151716	17.350	ug/l	97
56) Ethyl methacrylate	10.757	69	256682	17.975	ug/l	91
57) 1,3-Dichloropropane	11.039	76	271802	17.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	360054	134.499	ug/l	95
59) 2-Hexanone	11.081	43	959467	93.603	ug/l	100
60) Dibromochloromethane	11.239	129	156154	17.973	ug/l	99
61) 1,2-Dibromoethane	11.339	107	156096	17.466	ug/l	99
64) Tetrachloroethene	10.975	164	125131	17.410	ug/l	98
65) Chlorobenzene	11.769	112	394860	17.841	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	146946	18.108	ug/l	99
67) Ethyl Benzene	11.839	91	719277	18.381	ug/l	99
68) m/p-Xylenes	11.951	106	546122	38.150	ug/l	99
69) o-Xylene	12.275	106	271984	18.954	ug/l	98
70) Styrene	12.292	104	430857	19.397	ug/l	97
71) Bromoform	12.457	173	113902	18.482	ug/l #	100
73) Isopropylbenzene	12.575	105	706601	17.598	ug/l	99
74) N-amyl acetate	12.386	43	305776	20.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	240180	18.515	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	219923m	20.097	ug/l	
77) Bromobenzene	12.857	156	160354	17.126	ug/l	80
78) n-propylbenzene	12.916	91	766142	17.781	ug/l	97
79) 2-Chlorotoluene	13.004	91	476166	17.216	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	563621	18.042	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	69855	18.129	ug/l	93
82) 4-Chlorotoluene	13.104	91	446991	18.143	ug/l	94
83) tert-Butylbenzene	13.322	119	512988	18.401	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	559176	18.688	ug/l	100
85) sec-Butylbenzene	13.498	105	684302	18.467	ug/l	100
86) p-Isopropyltoluene	13.610	119	562235	19.293	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	265712	17.465	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	260053	17.487	ug/l	98
89) n-Butylbenzene	13.939	91	443156	19.443	ug/l	96
90) Hexachloroethane	14.204	117	95273	16.440	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	264653	18.094	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	44706	19.136	ug/l	89
93) 1,2,4-Trichlorobenzene	15.263	180	130222	20.925	ug/l	97
94) Hexachlorobutadiene	15.363	225	73340	17.861	ug/l	99
95) Naphthalene	15.504	128	421588	24.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	130806	21.641	ug/l	98

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

