

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
 Data File : VN071851.D
 Acq On : 05 Apr 2022 13:00
 Operator : JC\MD
 Sample : VN0405WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0405WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 06:39:34 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	572080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	887174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	778741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	302829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	313370	47.982	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.960%		
35) Dibromofluoromethane	8.016	113	268173	51.369	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.740%		
50) Toluene-d8	10.439	98	1070303	50.117	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.240%		
62) 4-Bromofluorobenzene	12.727	95	333014	48.215	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	75259	16.547	ug/l	97
3) Chloromethane	2.299	50	96210	16.694	ug/l	99
4) Vinyl Chloride	2.446	62	101312	16.008	ug/l	96
5) Bromomethane	2.846	94	69912	16.993	ug/l	98
6) Chloroethane	3.016	64	92112	20.231	ug/l	99
7) Trichlorofluoromethane	3.375	101	134871	16.750	ug/l	99
8) Diethyl Ether	3.828	74	61612	18.105	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	86869	17.506	ug/l	98
10) Methyl Iodide	4.422	142	111076	16.014	ug/l	98
11) Tert butyl alcohol	5.357	59	94468	89.132	ug/l	100
12) 1,1-Dichloroethene	4.187	96	80427	17.032	ug/l	99
13) Acrolein	4.040	56	107631	83.286	ug/l	96
14) Allyl chloride	4.840	41	134593	17.561	ug/l	94
15) Acrylonitrile	5.551	53	304509	98.845	ug/l	99
16) Acetone	4.281	43	224360	80.384	ug/l	95
17) Carbon Disulfide	4.528	76	168293	15.533	ug/l	99
18) Methyl Acetate	4.851	43	130728	17.944	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	323081	18.417	ug/l	95
20) Methylene Chloride	5.093	84	105954	18.010	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	88144	17.004	ug/l	99
22) Diisopropyl ether	6.493	45	316243	18.954	ug/l	97
23) Vinyl Acetate	6.428	43	1271364	95.821	ug/l	100
24) 1,1-Dichloroethane	6.387	63	178947	18.269	ug/l	99
25) 2-Butanone	7.328	43	368198	91.507	ug/l	100
26) 2,2-Dichloropropane	7.322	77	143888	17.100	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	114333	17.987	ug/l	98
28) Bromochloromethane	7.651	49	77855	19.704	ug/l	99
29) Tetrahydrofuran	7.681	42	251360	96.477	ug/l	99
30) Chloroform	7.816	83	189526	18.325	ug/l	96
31) Cyclohexane	8.092	56	151613	17.070	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	155234	17.545	ug/l	98
36) 1,1-Dichloropropene	8.222	75	128552	17.633	ug/l	99
37) Ethyl Acetate	7.410	43	151504	18.987	ug/l	98
38) Carbon Tetrachloride	8.204	117	127928	17.905	ug/l	99
39) Methylcyclohexane	9.457	83	149509	17.228	ug/l	97
40) Benzene	8.457	78	430006	18.672	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	78822	20.174	ug/l	92
42) 1,2-Dichloroethane	8.528	62	141531	17.766	ug/l	98
43) Isopropyl Acetate	8.557	43	237443	17.890	ug/l	99
44) Trichloroethene	9.210	130	107205	18.069	ug/l	93
45) 1,2-Dichloropropane	9.486	63	107344	18.658	ug/l	98
46) Dibromomethane	9.575	93	70790	18.122	ug/l	98
47) Bromodichloromethane	9.757	83	148664	19.334	ug/l	99
48) Methyl methacrylate	9.557	41	97370	17.683	ug/l	93
49) 1,4-Dioxane	9.569	88	47523	354.879	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	738502	96.779	ug/l	98
52) Toluene	10.498	92	272957	18.750	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	147394	18.290	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	167477	18.809	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	112499	18.777	ug/l	100
56) Ethyl methacrylate	10.757	69	165720	19.389	ug/l	94
57) 1,3-Dichloropropane	11.039	76	189067	18.874	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	184598	82.360	ug/l	99
59) 2-Hexanone	11.080	43	514005	95.674	ug/l	97
60) Dibromochloromethane	11.233	129	113997	19.514	ug/l	99
61) 1,2-Dibromoethane	11.339	107	110604	18.754	ug/l	100
64) Tetrachloroethene	10.975	164	92765	18.040	ug/l	96
65) Chlorobenzene	11.763	112	287384	18.430	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	108959	19.365	ug/l	99
67) Ethyl Benzene	11.839	91	490714	18.590	ug/l	98
68) m/p-Xylenes	11.951	106	378991	37.367	ug/l	100
69) o-Xylene	12.275	106	191356	19.008	ug/l	98
70) Styrene	12.292	104	294491	19.307	ug/l	99
71) Bromoform	12.451	173	85158	19.874	ug/l #	99
73) Isopropylbenzene	12.575	105	480834	18.843	ug/l	100
74) N-amyl acetate	12.386	43	139553	19.087	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	168188	19.753	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	143102m	20.399	ug/l	
77) Bromobenzene	12.857	156	114625	17.918	ug/l	99
78) n-propylbenzene	12.916	91	502445	18.718	ug/l	100
79) 2-Chlorotoluene	13.004	91	322988	18.762	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	388044	19.192	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	42370	18.717	ug/l	95
82) 4-Chlorotoluene	13.098	91	290356	18.196	ug/l	99
83) tert-Butylbenzene	13.316	119	352823	19.090	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	380652	19.296	ug/l	100
85) sec-Butylbenzene	13.498	105	454706	18.979	ug/l	100
86) p-Isopropyltoluene	13.610	119	366139	19.166	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	185219	18.174	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	178859	17.989	ug/l	98
89) n-Butylbenzene	13.939	91	251848	17.775	ug/l	100
90) Hexachloroethane	14.204	117	71167	20.351	ug/l	99
91) 1,2-Dichlorobenzene	13.980	146	185626	18.553	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	25788	19.526	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	76516	17.300	ug/l	99
94) Hexachlorobutadiene	15.363	225	51560	17.473	ug/l	98
95) Naphthalene	15.504	128	192478	16.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	76400	17.988	ug/l	99

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

