

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073843.D
 Acq On : 12 Aug 2022 11:32
 Operator : JC\MD
 Sample : VN0812WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Quant Time: Aug 13 05:01:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/13/2022
 Supervised By : Mahesh Dadoda 08/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	390370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	615180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	557390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	268519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	231943	48.755	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.520%		
35) Dibromofluoromethane	7.951	113	202890	52.522	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.040%		
50) Toluene-d8	10.380	98	736606	48.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.920%		
62) 4-Bromofluorobenzene	12.674	95	237642	44.833	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	64002	16.903	ug/l	98
3) Chloromethane	2.269	50	83173	16.603	ug/l	95
4) Vinyl Chloride	2.404	62	101075	15.263	ug/l	99
5) Bromomethane	2.798	94	79766	20.769	ug/l	98
6) Chloroethane	2.969	64	71869	17.213	ug/l	94
7) Trichlorofluoromethane	3.310	101	128045	18.762	ug/l	100
8) Diethyl Ether	3.769	74	46196	18.027	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.140	101	72986	19.330	ug/l	97
10) Methyl Iodide	4.351	142	65298	17.011	ug/l	97
11) Tert butyl alcohol	5.287	59	98000	95.519	ug/l	100
12) 1,1-Dichloroethene	4.116	96	64752	17.483	ug/l	91
13) Acrolein	3.981	56	58478	57.492	ug/l	100
14) Allyl chloride	4.757	41	104100	17.580	ug/l	99
15) Acrylonitrile	5.481	53	279459	98.469	ug/l	99
16) Acetone	4.222	43	235194	92.046	ug/l	98
17) Carbon Disulfide	4.457	76	149419	15.215	ug/l	98
18) Methyl Acetate	4.775	43	145316	22.859	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	251665	19.890	ug/l	99
20) Methylene Chloride	5.010	84	86476	19.579	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	72617	18.112	ug/l	97
22) Diisopropyl ether	6.410	45	246837	19.322	ug/l	97
23) Vinyl Acetate	6.351	43	1012753	94.554	ug/l	99
24) 1,1-Dichloroethane	6.304	63	147326	18.745	ug/l	99
25) 2-Butanone	7.263	43	378390	95.357	ug/l	100
26) 2,2-Dichloropropane	7.251	77	118954	19.672	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	91973	18.619	ug/l	98
28) Bromochloromethane	7.586	49	61371	18.597	ug/l	100
29) Tetrahydrofuran	7.610	42	243229	96.948	ug/l	99
30) Chloroform	7.745	83	157527	19.238	ug/l	99
31) Cyclohexane	8.022	56	120408	17.001	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	134434	19.772	ug/l	98
36) 1,1-Dichloropropene	8.151	75	103779	18.850	ug/l	99
37) Ethyl Acetate	7.339	43	146673	20.229	ug/l	97
38) Carbon Tetrachloride	8.133	117	109753	19.628	ug/l	97
39) Methylcyclohexane	9.398	83	120282	18.282	ug/l	96
40) Benzene	8.392	78	343667	19.223	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	66465	20.258	ug/l	97
42) 1,2-Dichloroethane	8.463	62	117838	19.557	ug/l	99
43) Isopropyl Acetate	8.492	43	196973	20.113	ug/l	100
44) Trichloroethene	9.151	130	87812	19.368	ug/l	96
45) 1,2-Dichloropropane	9.427	63	87559	19.594	ug/l	99
46) Dibromomethane	9.510	93	62029	20.000	ug/l	98
47) Bromodichloromethane	9.698	83	121146	20.351	ug/l	99
48) Methyl methacrylate	9.498	41	86623	20.207	ug/l	94
49) 1,4-Dioxane	9.504	88	48913	404.771	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	737436	104.985	ug/l	99
52) Toluene	10.445	92	214722	19.663	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	118667	20.179	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	134901	20.357	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	93522	20.537	ug/l	98
56) Ethyl methacrylate	10.704	69	133454	21.263	ug/l	99
57) 1,3-Dichloropropane	10.986	76	152763	19.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	299576	96.553	ug/l	97
59) 2-Hexanone	11.027	43	553330	103.973	ug/l	99
60) Dibromochloromethane	11.180	129	96941	21.398	ug/l	97
61) 1,2-Dibromoethane	11.286	107	93990	20.040	ug/l	100
64) Tetrachloroethene	10.916	164	84848	19.154	ug/l	96
65) Chlorobenzene	11.710	112	232434	19.632	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	90273	21.258	ug/l	99
67) Ethyl Benzene	11.786	91	390236	19.537	ug/l	97
68) m/p-Xylenes	11.892	106	304495	39.971	ug/l	99
69) o-Xylene	12.221	106	150272	20.233	ug/l	100
70) Styrene	12.233	104	246706	20.751	ug/l	98
71) Bromoform	12.398	173	75733	21.606	ug/l #	100
73) Isopropylbenzene	12.521	105	387137	19.695	ug/l	100
74) N-amyl acetate	12.327	43	146630	19.744	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	146579	19.325	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	109571m	20.364	ug/l	
77) Bromobenzene	12.798	156	100808	19.694	ug/l	99
78) n-propylbenzene	12.863	91	433602	19.605	ug/l	100
79) 2-Chlorotoluene	12.945	91	272625	19.750	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	322064	19.910	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	40220	19.411	ug/l	96
82) 4-Chlorotoluene	13.045	91	254497	19.453	ug/l	98
83) tert-Butylbenzene	13.262	119	286344	19.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	321308	20.201	ug/l	100
85) sec-Butylbenzene	13.439	105	401611	20.281	ug/l	100
86) p-Isopropyltoluene	13.557	119	320061	20.502	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	176862	18.929	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	172512	18.453	ug/l	97
89) n-Butylbenzene	13.880	91	236854	18.647	ug/l	98
90) Hexachloroethane	14.151	117	63420	20.476	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	185142	19.554	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	30617	20.090	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	91197	19.396	ug/l	98
94) Hexachlorobutadiene	15.304	225	52440	20.515	ug/l	97
95) Naphthalene	15.439	128	294717	19.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	101188	20.448	ug/l	99

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

