

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074062.D
 Acq On : 23 Aug 2022 12:21
 Operator : JC\MD
 Sample : VN0823WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBS01

Quant Time: Aug 24 01:14:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	499861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	763648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	685001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	337783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	275889	56.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.340%			
35) Dibromofluoromethane	7.951	113	245069	54.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.540%			
50) Toluene-d8	10.381	98	904579	51.718	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.669	95	310344	53.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	96511	24.350	ug/l	99
3) Chloromethane	2.269	50	117225	26.597	ug/l	99
4) Vinyl Chloride	2.405	62	131583	23.255	ug/l	99
5) Bromomethane	2.799	94	70771	20.029	ug/l	95
6) Chloroethane	2.969	64	82481	20.634	ug/l	97
7) Trichlorofluoromethane	3.310	101	166798	22.852	ug/l	97
8) Diethyl Ether	3.763	74	61684	22.766	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	93760	22.113	ug/l	96
10) Methyl Iodide	4.352	142	95396	18.740	ug/l	99
11) Tert butyl alcohol	5.287	59	124224	114.068	ug/l	100
12) 1,1-Dichloroethene	4.110	96	86430	21.908	ug/l	95
13) Acrolein	3.981	56	54132	71.013	ug/l	94
14) Allyl chloride	4.757	41	138606	23.723	ug/l	96
15) Acrylonitrile	5.475	53	345226	129.843	ug/l	100
16) Acetone	4.222	43	280194	121.985	ug/l	100
17) Carbon Disulfide	4.457	76	226799	24.178	ug/l	99
18) Methyl Acetate	4.775	43	153343	25.463	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	306091	21.543	ug/l	100
20) Methylene Chloride	5.010	84	108242	22.332	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	95580	21.991	ug/l	97
22) Diisopropyl ether	6.410	45	306871	24.772	ug/l	99
23) Vinyl Acetate	6.346	43	1281768	120.740	ug/l	99
24) 1,1-Dichloroethane	6.304	63	184692	23.952	ug/l	99
25) 2-Butanone	7.257	43	464254	127.470	ug/l	99
26) 2,2-Dichloropropane	7.245	77	128789	17.777	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	117381	21.889	ug/l	95
28) Bromochloromethane	7.581	49	67691	23.801	ug/l	97
29) Tetrahydrofuran	7.610	42	308718	132.139	ug/l	99
30) Chloroform	7.745	83	189456	21.972	ug/l	99
31) Cyclohexane	8.016	56	160236	23.609	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	159985	20.923	ug/l	99
36) 1,1-Dichloropropene	8.151	75	132698	21.155	ug/l	99
37) Ethyl Acetate	7.334	43	171540	22.573	ug/l	98
38) Carbon Tetrachloride	8.140	117	139347	19.435	ug/l	98
39) Methylcyclohexane	9.392	83	164527	20.933	ug/l	96
40) Benzene	8.387	78	431953	21.818	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	74534	21.703	ug/l	93
42) 1,2-Dichloroethane	8.463	62	141525	20.790	ug/l	97
43) Isopropyl Acetate	8.492	43	237018	21.893	ug/l	99
44) Trichloroethene	9.151	130	109698	19.184	ug/l	96
45) 1,2-Dichloropropane	9.428	63	107703	22.697	ug/l	100
46) Dibromomethane	9.510	93	75102	20.817	ug/l	95
47) Bromodichloromethane	9.698	83	151134	21.917	ug/l	100
48) Methyl methacrylate	9.492	41	105687	22.815	ug/l	91
49) 1,4-Dioxane	9.504	88	61849	448.981	ug/l	99
51) 4-Methyl-2-Pentanone	10.269	43	871383	119.051	ug/l	100
52) Toluene	10.445	92	275877	20.321	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	143890	19.886	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	162588	20.536	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	115352	21.843	ug/l	99
56) Ethyl methacrylate	10.704	69	164188	21.799	ug/l	95
57) 1,3-Dichloropropane	10.986	76	186574	21.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	396241	112.721	ug/l	99
59) 2-Hexanone	11.028	43	668597	118.691	ug/l	100
60) Dibromochloromethane	11.181	129	120429	20.622	ug/l	98
61) 1,2-Dibromoethane	11.286	107	117156	20.742	ug/l	100
64) Tetrachloroethene	10.916	164	98356	18.192	ug/l	96
65) Chlorobenzene	11.710	112	293441	20.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	112623	20.430	ug/l	98
67) Ethyl Benzene	11.786	91	501932	20.732	ug/l	99
68) m/p-Xylenes	11.892	106	401173	40.782	ug/l	99
69) o-Xylene	12.222	106	195197	19.788	ug/l	99
70) Styrene	12.233	104	323005	20.915	ug/l	99
71) Bromoform	12.398	173	95642	19.432	ug/l #	99
73) Isopropylbenzene	12.522	105	497219	20.215	ug/l	100
74) N-amyl acetate	12.327	43	188966	20.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	182790	22.146	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	128353m	18.282	ug/l	
77) Bromobenzene	12.798	156	128985	19.374	ug/l	98
78) n-propylbenzene	12.863	91	564770	21.541	ug/l	99
79) 2-Chlorotoluene	12.945	91	347086	21.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	419876	20.987	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	49275	19.962	ug/l	98
82) 4-Chlorotoluene	13.045	91	334603	21.562	ug/l	98
83) tert-Butylbenzene	13.263	119	368251	20.003	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	420333	21.039	ug/l	99
85) sec-Butylbenzene	13.439	105	511592	21.438	ug/l	100
86) p-Isopropyltoluene	13.557	119	430827	21.192	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	230990	20.007	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	228956	19.567	ug/l	99
89) n-Butylbenzene	13.880	91	327461	20.336	ug/l	100
90) Hexachloroethane	14.151	117	77209	20.777	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	237134	19.889	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	39282	20.157	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	137785	18.988	ug/l	99
94) Hexachlorobutadiene	15.304	225	72778	19.026	ug/l	98
95) Naphthalene	15.433	128	449736	19.011	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	145131	19.350	ug/l	99

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

