

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073796.D
 Acq On : 10 Aug 2022 14:22
 Operator : JC\MD
 Sample : VN0810WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 22:53:46 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	379167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	607010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	550458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	262042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	222827	48.223	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.440%		
35) Dibromofluoromethane	7.951	113	194046	50.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.820%		
50) Toluene-d8	10.380	98	715082	47.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.340%		
62) 4-Bromofluorobenzene	12.674	95	225246	43.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60118	16.347	ug/l	97
3) Chloromethane	2.269	50	85356	17.692	ug/l	100
4) Vinyl Chloride	2.404	62	102318	15.908	ug/l	93
5) Bromomethane	2.793	94	95571	25.620	ug/l	99
6) Chloroethane	2.963	64	69880	17.233	ug/l	96
7) Trichlorofluoromethane	3.310	101	146963	22.170	ug/l	95
8) Diethyl Ether	3.763	74	46432	18.655	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	68052	18.555	ug/l	98
10) Methyl Iodide	4.345	142	55051	14.765	ug/l	96
11) Tert butyl alcohol	5.292	59	104291	104.654	ug/l	100
12) 1,1-Dichloroethene	4.110	96	63681	17.702	ug/l	96
13) Acrolein	3.981	56	78497	79.454	ug/l	100
14) Allyl chloride	4.757	41	107708	18.727	ug/l	97
15) Acrylonitrile	5.475	53	278998	101.211	ug/l	98
16) Acetone	4.222	43	239227	96.390	ug/l	99
17) Carbon Disulfide	4.457	76	149209	15.643	ug/l	98
18) Methyl Acetate	4.781	43	140003	22.674	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	246284	20.040	ug/l	93
20) Methylene Chloride	5.010	84	85237	19.903	ug/l	99
21) trans-1,2-Dichloroethene	5.516	96	72375	18.585	ug/l	95
22) Diisopropyl ether	6.416	45	241276	19.444	ug/l	97
23) Vinyl Acetate	6.351	43	1007242	96.818	ug/l	99
24) 1,1-Dichloroethane	6.304	63	144317	18.905	ug/l	97
25) 2-Butanone	7.263	43	388981	100.922	ug/l	97
26) 2,2-Dichloropropane	7.251	77	108183	18.420	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	90734	18.911	ug/l	95
28) Bromochloromethane	7.586	49	58559	18.270	ug/l	100
29) Tetrahydrofuran	7.616	42	255715	104.937	ug/l	99
30) Chloroform	7.745	83	152848	19.218	ug/l	95
31) Cyclohexane	8.022	56	116582	16.947	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	126861	19.210	ug/l	98
36) 1,1-Dichloropropene	8.157	75	96848	17.827	ug/l	98
37) Ethyl Acetate	7.339	43	140472	19.634	ug/l	98
38) Carbon Tetrachloride	8.133	117	105360	19.096	ug/l	97
39) Methylcyclohexane	9.392	83	113986	17.559	ug/l	97
40) Benzene	8.392	78	340975	19.329	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	64029	19.778	ug/l	99
42) 1,2-Dichloroethane	8.463	62	117126	19.700	ug/l	99
43) Isopropyl Acetate	8.492	43	193988	20.075	ug/l	98
44) Trichloroethene	9.151	130	81469	18.211	ug/l	96
45) 1,2-Dichloropropane	9.427	63	87250	19.787	ug/l	99
46) Dibromomethane	9.516	93	60270	19.694	ug/l	99
47) Bromodichloromethane	9.698	83	116707	19.870	ug/l	95
48) Methyl methacrylate	9.498	41	85557	20.227	ug/l	90
49) 1,4-Dioxane	9.510	88	53159	445.829	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	739377	106.678	ug/l	99
52) Toluene	10.445	92	208173	19.319	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	114653	19.759	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	126263	19.310	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	92157	20.510	ug/l	92
56) Ethyl methacrylate	10.704	69	130336	21.046	ug/l	98
57) 1,3-Dichloropropane	10.986	76	150334	19.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	279943	91.966	ug/l	99
59) 2-Hexanone	11.027	43	567723	108.114	ug/l	99
60) Dibromochloromethane	11.180	129	94348	21.106	ug/l	100
61) 1,2-Dibromoethane	11.286	107	93010	20.098	ug/l	99
64) Tetrachloroethene	10.916	164	79628	18.202	ug/l	93
65) Chlorobenzene	11.710	112	223982	19.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	88064	20.999	ug/l	97
67) Ethyl Benzene	11.786	91	381366	19.334	ug/l	97
68) m/p-Xylenes	11.892	106	297717	39.573	ug/l	100
69) o-Xylene	12.221	106	146860	20.023	ug/l	100
70) Styrene	12.233	104	240885	20.516	ug/l	98
71) Bromoform	12.398	173	73972	21.370	ug/l #	100
73) Isopropylbenzene	12.521	105	372591	19.424	ug/l	99
74) N-amyl acetate	12.333	43	146196	20.172	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	147570	19.936	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	108686m	20.755	ug/l	
77) Bromobenzene	12.798	156	99280	19.874	ug/l	98
78) n-propylbenzene	12.863	91	419395	19.431	ug/l	99
79) 2-Chlorotoluene	12.945	91	258657	19.201	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	315287	19.973	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	39229	19.401	ug/l	93
82) 4-Chlorotoluene	13.045	91	243196	19.048	ug/l	95
83) tert-Butylbenzene	13.262	119	270265	19.329	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	309358	19.930	ug/l	99
85) sec-Butylbenzene	13.439	105	380465	19.688	ug/l	100
86) p-Isopropyltoluene	13.557	119	307049	20.155	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	171016	18.756	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	169590	18.589	ug/l	99
89) n-Butylbenzene	13.880	91	224882	18.142	ug/l	98
90) Hexachloroethane	14.151	117	59919	19.824	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	180392	19.523	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	30551	20.542	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	88719	19.335	ug/l	97
94) Hexachlorobutadiene	15.304	225	48381	19.395	ug/l	98
95) Naphthalene	15.439	128	292523	19.646	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	97526	20.195	ug/l	97

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

