

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073039.D
 Acq On : 23 Jun 2022 11:15
 Operator : JC\MD
 Sample : VN0623WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 01:16:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	257626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	432804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	380864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	171502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187770	53.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.820%			
35) Dibromofluoromethane	7.945	113	147731	55.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.440%			
50) Toluene-d8	10.375	98	554013	55.656	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.320%			
62) 4-Bromofluorobenzene	12.668	95	196528	54.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	49383	20.132	ug/l	95
3) Chloromethane	2.269	50	49582	19.159	ug/l	100
4) Vinyl Chloride	2.410	62	44532	20.244	ug/l	98
5) Bromomethane	2.804	94	19368	22.366	ug/l	87
6) Chloroethane	2.969	64	28560	20.752	ug/l	93
7) Trichlorofluoromethane	3.322	101	83926	23.428	ug/l	96
8) Diethyl Ether	3.763	74	35264	19.074	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.146	101	51690	20.875	ug/l	98
10) Methyl Iodide	4.351	142	30917	10.893	ug/l	96
11) Tert butyl alcohol	5.292	59	75081	83.450	ug/l	99
12) 1,1-Dichloroethene	4.116	96	46570	18.880	ug/l	91
13) Acrolein	3.981	56	26720	75.407	ug/l	98
14) Allyl chloride	4.763	41	102527	19.455	ug/l #	95
15) Acrylonitrile	5.469	53	201239	97.028	ug/l	99
16) Acetone	4.216	43	177110	92.505	ug/l	97
17) Carbon Disulfide	4.457	76	99503	15.745	ug/l	98
18) Methyl Acetate	4.775	43	97602	19.143	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	189756	20.484	ug/l	99
20) Methylene Chloride	5.010	84	59174	19.780	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	50437	18.798	ug/l	98
22) Diisopropyl ether	6.410	45	212217	21.602	ug/l	94
23) Vinyl Acetate	6.351	43	946672	104.388	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	105535	20.490	ug/l	100
25) 2-Butanone	7.257	43	291984	96.105	ug/l #	89
26) 2,2-Dichloropropane	7.239	77	90309	20.785	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	64414	20.095	ug/l	96
28) Bromochloromethane	7.581	49	42834	20.109	ug/l	85
29) Tetrahydrofuran	7.610	42	193071	96.233	ug/l	87
30) Chloroform	7.739	83	109175	20.938	ug/l	98
31) Cyclohexane	8.022	56	90598	19.229	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	93082	20.343	ug/l	99
36) 1,1-Dichloropropene	8.151	75	73211	20.225	ug/l	98
37) Ethyl Acetate	7.334	43	114710	19.812	ug/l	97
38) Carbon Tetrachloride	8.133	117	77600	20.381	ug/l	94
39) Methylcyclohexane	9.392	83	87329	20.016	ug/l	93
40) Benzene	8.386	78	236525	20.792	ug/l	99

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41) Methacrylonitrile	7.563	41	52734	19.207	ug/l	92
42) 1,2-Dichloroethane	8.457	62	88715	21.956	ug/l	98
43) Isopropyl Acetate	8.492	43	173289	20.938	ug/l #	94
44) Trichloroethene	9.145	130	58211	20.192	ug/l	89
45) 1,2-Dichloropropane	9.422	63	62773	21.588	ug/l	93
46) Dibromomethane	9.510	93	41835	21.277	ug/l	93
47) Bromodichloromethane	9.692	83	84862	21.718	ug/l	97
48) Methyl methacrylate	9.492	41	80287	21.247	ug/l	89
49) 1,4-Dioxane	9.504	88	32046	376.915	ug/l #	94
51) 4-Methyl-2-Pentanone	10.263	43	565661	104.810	ug/l	90
52) Toluene	10.439	92	147242	21.082	ug/l	98
53) t-1,3-Dichloropropene	10.651	75	88614	21.087	ug/l	96
54) cis-1,3-Dichloropropene	10.122	75	97881	21.324	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	62731	20.456	ug/l	99
56) Ethyl methacrylate	10.698	69	102575	20.868	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	106866	21.005	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	226938	104.576	ug/l	96
59) 2-Hexanone	11.022	43	421669	101.016	ug/l	89
60) Dibromochloromethane	11.174	129	62240	21.475	ug/l	100
61) 1,2-Dibromoethane	11.280	107	63505	21.006	ug/l	100
64) Tetrachloroethene	10.910	164	48065	20.745	ug/l	95
65) Chlorobenzene	11.704	112	152155	20.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	60188	21.260	ug/l	96
67) Ethyl Benzene	11.780	91	283768	21.672	ug/l	97
68) m/p-Xylenes	11.886	106	217056	42.265	ug/l	100
69) o-Xylene	12.216	106	106463	20.746	ug/l	97
70) Styrene	12.227	104	172284	20.906	ug/l	100
71) Bromoform	12.392	173	44800	20.988	ug/l #	97
73) Isopropylbenzene	12.516	105	278593	20.998	ug/l	99
74) N-amyl acetate	12.327	43	135947	19.745	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.763	83	98491	20.612	ug/l	98
76) 1,2,3-Trichloropropane	12.816	75	88077m	21.182	ug/l	
77) Bromobenzene	12.792	156	65438	20.588	ug/l	91
78) n-propylbenzene	12.857	91	313392	21.474	ug/l	98
79) 2-Chlorotoluene	12.939	91	191256	20.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	229520	21.060	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	29971	19.466	ug/l	90
82) 4-Chlorotoluene	13.039	91	188663	21.100	ug/l	99
83) tert-Butylbenzene	13.257	119	210163	21.056	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	230346	21.220	ug/l	95
85) sec-Butylbenzene	13.433	105	279224	20.971	ug/l	99
86) p-Isopropyltoluene	13.551	119	228236	21.172	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	117651	20.733	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	114955	20.015	ug/l	96
89) n-Butylbenzene	13.874	91	181901	20.665	ug/l	97
90) Hexachloroethane	14.145	117	42890	21.104	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	124675	21.067	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	22151	18.330	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	60582	18.497	ug/l	99
94) Hexachlorobutadiene	15.292	225	26760	18.776	ug/l	95
95) Naphthalene	15.433	128	223378	16.860	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	61531	17.594	ug/l	98

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

