

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
 Data File : VN073731.D
 Acq On : 04 Aug 2022 13:02
 Operator : JC\MD
 Sample : VN0804WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0804WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/05/2022
 Supervised By : Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 00:25:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	343723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	554788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	507823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	236562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	212567	50.746	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.500%			
35) Dibromofluoromethane	7.951	113	175632	50.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.840%			
50) Toluene-d8	10.381	98	674685	49.215	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.675	95	213461	47.130	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	53722	16.114	ug/l	95
3) Chloromethane	2.269	50	75267	17.137	ug/l	98
4) Vinyl Chloride	2.405	62	88496	15.177	ug/l	99
5) Bromomethane	2.805	94	56102	16.590	ug/l	96
6) Chloroethane	2.969	64	62099	16.850	ug/l	97
7) Trichlorofluoromethane	3.310	101	101666	16.918	ug/l	99
8) Diethyl Ether	3.769	74	39427	17.474	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.134	101	57193	17.203	ug/l	98
10) Methyl Iodide	4.346	142	48534	14.360	ug/l	99
11) Tert butyl alcohol	5.281	59	83281	92.188	ug/l	100
12) 1,1-Dichloroethene	4.110	96	52802	16.191	ug/l	94
13) Acrolein	3.981	56	111304	124.278	ug/l	99
14) Allyl chloride	4.757	41	84940	16.291	ug/l	96
15) Acrylonitrile	5.475	53	228348	91.379	ug/l	99
16) Acetone	4.222	43	188478	83.773	ug/l	99
17) Carbon Disulfide	4.457	76	130078	15.043	ug/l	98
18) Methyl Acetate	4.775	43	106428	19.014	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	204017	18.312	ug/l	94
20) Methylene Chloride	5.010	84	73087	18.701	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	58835	16.666	ug/l	94
22) Diisopropyl ether	6.410	45	202794	18.028	ug/l	98
23) Vinyl Acetate	6.351	43	863202	91.529	ug/l	98
24) 1,1-Dichloroethane	6.310	63	115328	16.665	ug/l	97
25) 2-Butanone	7.257	43	316443	90.568	ug/l	98
26) 2,2-Dichloropropane	7.245	77	90349	16.970	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	75556	17.371	ug/l	96
28) Bromochloromethane	7.581	49	50232	17.288	ug/l	99
29) Tetrahydrofuran	7.610	42	204353	92.507	ug/l	99
30) Chloroform	7.745	83	127721	17.714	ug/l	98
31) Cyclohexane	8.022	56	100196	16.067	ug/l	96
32) 1,1,1-Trichloroethane	7.939	97	100546	16.795	ug/l	99
36) 1,1-Dichloropropene	8.145	75	85705	17.261	ug/l	99
37) Ethyl Acetate	7.340	43	118904	18.184	ug/l	97
38) Carbon Tetrachloride	8.134	117	87171	17.286	ug/l	95
39) Methylcyclohexane	9.392	83	102313	17.244	ug/l	96
40) Benzene	8.387	78	282735	17.536	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	56661	19.149	ug/l	94
42) 1,2-Dichloroethane	8.463	62	96464	17.752	ug/l	98
43) Isopropyl Acetate	8.492	43	165929	18.787	ug/l	100
44) Trichloroethene	9.151	130	68550	16.766	ug/l	96
45) 1,2-Dichloropropane	9.428	63	72089	17.888	ug/l	99
46) Dibromomethane	9.510	93	50511	18.059	ug/l	99
47) Bromodichloromethane	9.698	83	96823	18.036	ug/l	99
48) Methyl methacrylate	9.498	41	71063	18.382	ug/l	90
49) 1,4-Dioxane	9.504	88	42155	386.821	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	607321	95.873	ug/l	99
52) Toluene	10.445	92	178993	18.175	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	93664	17.661	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	109689	18.354	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	78353	19.079	ug/l	96
56) Ethyl methacrylate	10.704	69	110380	19.501	ug/l	100
57) 1,3-Dichloropropane	10.986	76	127564	18.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	259935	93.273	ug/l	98
59) 2-Hexanone	11.028	43	459890	95.822	ug/l	99
60) Dibromochloromethane	11.180	129	77073	18.865	ug/l	100
61) 1,2-Dibromoethane	11.286	107	77693	18.369	ug/l	99
64) Tetrachloroethene	10.916	164	66850	16.564	ug/l	96
65) Chlorobenzene	11.710	112	190298	17.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	72463	18.730	ug/l	98
67) Ethyl Benzene	11.786	91	321830	17.685	ug/l	99
68) m/p-Xylenes	11.892	106	251844	36.286	ug/l	100
69) o-Xylene	12.222	106	123815	18.298	ug/l	99
70) Styrene	12.233	104	203452	18.783	ug/l	97
71) Bromoform	12.398	173	58438	18.300	ug/l #	100
73) Isopropylbenzene	12.522	105	311234	17.973	ug/l	99
74) N-amyl acetate	12.333	43	120659	18.441	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	121507	18.183	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	104511m	22.332	ug/l	
77) Bromobenzene	12.804	156	80265	17.799	ug/l	99
78) n-propylbenzene	12.863	91	354830	18.211	ug/l	99
79) 2-Chlorotoluene	12.951	91	217499	17.885	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	264088	18.531	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	33502	18.353	ug/l	97
82) 4-Chlorotoluene	13.045	91	207897	18.037	ug/l	96
83) tert-Butylbenzene	13.263	119	226111	17.913	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	266307	19.005	ug/l	97
85) sec-Butylbenzene	13.439	105	318436	18.253	ug/l	100
86) p-Isopropyltoluene	13.557	119	259817	18.892	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	144360	17.537	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	144132	17.500	ug/l	97
89) n-Butylbenzene	13.880	91	197529	17.652	ug/l	98
90) Hexachloroethane	14.151	117	50034	18.336	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	149308	17.900	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	24661	18.368	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	76164	18.387	ug/l	99
94) Hexachlorobutadiene	15.298	225	40280	17.887	ug/l	97
95) Naphthalene	15.439	128	256609	19.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	80838	18.542	ug/l	99

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

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