

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073705.D
 Acq On : 03 Aug 2022 12:32
 Operator : JC\MD
 Sample : VN0803WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 04 05:31:55 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	358580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	562311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	515221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	250621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	209261	47.887	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.780%		
35) Dibromofluoromethane	7.951	113	175803	49.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.580%		
50) Toluene-d8	10.381	98	702844	50.583	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.160%		
62) 4-Bromofluorobenzene	12.669	95	217987	47.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	61022	17.545	ug/l	99
3) Chloromethane	2.269	50	84769	18.711	ug/l	97
4) Vinyl Chloride	2.405	62	103258	16.975	ug/l	94
5) Bromomethane	2.799	94	64026	18.149	ug/l	96
6) Chloroethane	2.963	64	67724	17.715	ug/l	97
7) Trichlorofluoromethane	3.310	101	111493	17.785	ug/l	99
8) Diethyl Ether	3.763	74	41110	17.465	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	65836	18.982	ug/l	99
10) Methyl Iodide	4.352	142	51596	14.633	ug/l	96
11) Tert butyl alcohol	5.281	59	80913	85.856	ug/l	99
12) 1,1-Dichloroethene	4.116	96	61590	18.104	ug/l	95
13) Acrolein	3.975	56	118531	126.864	ug/l	96
14) Allyl chloride	4.757	41	92706	17.044	ug/l	97
15) Acrylonitrile	5.469	53	238432	91.461	ug/l	99
16) Acetone	4.222	43	194229	82.753	ug/l	98
17) Carbon Disulfide	4.452	76	152527	16.908	ug/l	100
18) Methyl Acetate	4.775	43	106344	18.212	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	214878	18.488	ug/l	99
20) Methylene Chloride	5.016	84	77537	19.057	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	67264	18.264	ug/l	98
22) Diisopropyl ether	6.410	45	212869	18.140	ug/l	96
23) Vinyl Acetate	6.346	43	910453	92.539	ug/l	99
24) 1,1-Dichloroethane	6.304	63	131038	18.151	ug/l	95
25) 2-Butanone	7.257	43	329773	90.473	ug/l	100
26) 2,2-Dichloropropane	7.245	77	102265	18.412	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	85022	18.738	ug/l	95
28) Bromochloromethane	7.587	49	56492	18.637	ug/l	96
29) Tetrahydrofuran	7.610	42	207923	90.223	ug/l	98
30) Chloroform	7.745	83	138036	18.352	ug/l	100
31) Cyclohexane	8.022	56	114638	17.621	ug/l	96
32) 1,1,1-Trichloroethane	7.940	97	115822	18.545	ug/l	100
36) 1,1-Dichloropropene	8.151	75	96407	19.157	ug/l	100
37) Ethyl Acetate	7.334	43	125557	18.945	ug/l	98
38) Carbon Tetrachloride	8.134	117	95886	18.760	ug/l	98
39) Methylcyclohexane	9.392	83	117311	19.507	ug/l	98
40) Benzene	8.387	78	317091	19.404	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	59870	19.963	ug/l	91
42) 1,2-Dichloroethane	8.463	62	106301	19.301	ug/l	100
43) Isopropyl Acetate	8.492	43	173065	19.333	ug/l	99
44) Trichloroethene	9.151	130	77390	18.675	ug/l	87
45) 1,2-Dichloropropane	9.428	63	78689	19.264	ug/l	97
46) Dibromomethane	9.516	93	55492	19.574	ug/l	97
47) Bromodichloromethane	9.698	83	105406	19.372	ug/l	99
48) Methyl methacrylate	9.492	41	74571	19.031	ug/l	92
49) 1,4-Dioxane	9.504	88	43785	396.403	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	628025	97.815	ug/l	99
52) Toluene	10.439	92	198721	19.908	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	104555	19.451	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	118754	19.605	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	81782	19.648	ug/l	96
56) Ethyl methacrylate	10.704	69	115354	20.107	ug/l	99
57) 1,3-Dichloropropane	10.986	76	136891	19.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	271535	95.827	ug/l	98
59) 2-Hexanone	11.028	43	482668	99.223	ug/l	98
60) Dibromochloromethane	11.181	129	80931	19.544	ug/l	99
61) 1,2-Dibromoethane	11.286	107	83383	19.450	ug/l	99
64) Tetrachloroethene	10.916	164	76955	18.794	ug/l	98
65) Chlorobenzene	11.710	112	207673	18.977	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	76779	19.560	ug/l	99
67) Ethyl Benzene	11.786	91	361046	19.556	ug/l	99
68) m/p-Xylenes	11.892	106	286623	40.704	ug/l	100
69) o-Xylene	12.222	106	138945	20.239	ug/l	99
70) Styrene	12.233	104	226644	20.624	ug/l	98
71) Bromoform	12.398	173	64129	19.793	ug/l #	96
73) Isopropylbenzene	12.522	105	356613	19.438	ug/l	100
74) N-amyl acetate	12.333	43	130371	18.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	129765	18.330	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	110468m	22.273	ug/l	
77) Bromobenzene	12.804	156	89900	18.817	ug/l	99
78) n-propylbenzene	12.863	91	413046	20.009	ug/l	99
79) 2-Chlorotoluene	12.945	91	250833	19.469	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	300218	19.885	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	36630	18.941	ug/l	96
82) 4-Chlorotoluene	13.045	91	238333	19.518	ug/l	98
83) tert-Butylbenzene	13.263	119	258832	19.355	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	300826	20.264	ug/l	98
85) sec-Butylbenzene	13.439	105	362926	19.636	ug/l	100
86) p-Isopropyltoluene	13.557	119	300976	20.657	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	163738	18.776	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	161814	18.545	ug/l	99
89) n-Butylbenzene	13.880	91	227576	19.196	ug/l	97
90) Hexachloroethane	14.151	117	56064	19.394	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	166714	18.865	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	25938	18.235	ug/l	96
93) 1,2,4-Trichlorobenzene	15.198	180	81568	18.587	ug/l	98
94) Hexachlorobutadiene	15.304	225	45878	19.230	ug/l	97
95) Naphthalene	15.433	128	269120	18.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	88607	19.184	ug/l	98

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

