

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073655.D
 Acq On : 01 Aug 2022 13:17
 Operator : JC\MD
 Sample : VN0801WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2022
 Supervised By : Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 04:59:43 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	331875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	531995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	486851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	236638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223499	55.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.520%			
35) Dibromofluoromethane	7.951	113	187291	56.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.140%			
50) Toluene-d8	10.380	98	740672	56.344	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.680%			
62) 4-Bromofluorobenzene	12.668	95	233282	52.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	63538	19.739	ug/l	99
3) Chloromethane	2.269	50	84371	20.321	ug/l	95
4) Vinyl Chloride	2.404	62	103306	18.350	ug/l	97
5) Bromomethane	2.804	94	70103	21.471	ug/l	100
6) Chloroethane	2.963	64	71757	20.602	ug/l	98
7) Trichlorofluoromethane	3.316	101	109078	18.800	ug/l	98
8) Diethyl Ether	3.763	74	42046	19.300	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.140	101	64779	20.180	ug/l	100
10) Methyl Iodide	4.351	142	72376	22.178	ug/l	97
11) Tert butyl alcohol	5.287	59	82867	95.005	ug/l	100
12) 1,1-Dichloroethene	4.116	96	59222	18.808	ug/l	93
13) Acrolein	3.975	56	106885	123.605	ug/l	96
14) Allyl chloride	4.757	41	92157	18.306	ug/l	96
15) Acrylonitrile	5.469	53	237444	98.411	ug/l	99
16) Acetone	4.222	43	196073	90.260	ug/l	99
17) Carbon Disulfide	4.457	76	154026	18.449	ug/l	100
18) Methyl Acetate	4.775	43	105707	19.559	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	230564	21.434	ug/l	99
20) Methylene Chloride	5.010	84	80807	21.749	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	67536	19.814	ug/l	91
22) Diisopropyl ether	6.410	45	216090	19.896	ug/l	96
23) Vinyl Acetate	6.351	43	936615	102.859	ug/l	100
24) 1,1-Dichloroethane	6.298	63	127951	19.150	ug/l	99
25) 2-Butanone	7.257	43	325516	96.491	ug/l	95
26) 2,2-Dichloropropane	7.245	77	99238	19.305	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	84444	20.108	ug/l	95
28) Bromochloromethane	7.581	49	57909	20.641	ug/l	100
29) Tetrahydrofuran	7.610	42	213338	100.022	ug/l	99
30) Chloroform	7.745	83	137618	19.768	ug/l	99
31) Cyclohexane	8.022	56	113618	18.869	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	114041	19.729	ug/l	98
36) 1,1-Dichloropropene	8.151	75	97987	20.581	ug/l	99
37) Ethyl Acetate	7.334	43	122959	19.610	ug/l	96
38) Carbon Tetrachloride	8.139	117	98320	20.332	ug/l	98
39) Methylcyclohexane	9.392	83	120257	21.137	ug/l	97
40) Benzene	8.386	78	317572	20.540	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	53543	18.871	ug/l	95
42) 1,2-Dichloroethane	8.463	62	106590	20.456	ug/l	98
43) Isopropyl Acetate	8.492	43	177255	20.929	ug/l	99
44) Trichloroethene	9.151	130	78673	20.066	ug/l	95
45) 1,2-Dichloropropane	9.428	63	78780	20.386	ug/l	98
46) Dibromomethane	9.516	93	56152	20.936	ug/l	100
47) Bromodichloromethane	9.698	83	106946	20.775	ug/l	99
48) Methyl methacrylate	9.498	41	74946	20.217	ug/l	87
49) 1,4-Dioxane	9.504	88	44880	429.470	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	631773	104.006	ug/l	99
52) Toluene	10.445	92	201635	21.351	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	108358	21.307	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	120811	21.081	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	83472	21.196	ug/l	97
56) Ethyl methacrylate	10.698	69	119318	21.983	ug/l	98
57) 1,3-Dichloropropane	10.986	76	141331	21.153	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	278162	102.937	ug/l	99
59) 2-Hexanone	11.027	43	484698	105.318	ug/l	99
60) Dibromochloromethane	11.174	129	84758	21.634	ug/l	100
61) 1,2-Dibromoethane	11.286	107	84667	20.875	ug/l	97
64) Tetrachloroethene	10.916	164	77909	20.136	ug/l	98
65) Chlorobenzene	11.710	112	215801	20.868	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	80645	21.742	ug/l	97
67) Ethyl Benzene	11.786	91	367506	21.065	ug/l	100
68) m/p-Xylenes	11.892	106	288943	43.425	ug/l	99
69) o-Xylene	12.221	106	142360	21.945	ug/l	99
70) Styrene	12.233	104	232188	22.359	ug/l	98
71) Bromoform	12.398	173	65740	21.473	ug/l	99
73) Isopropylbenzene	12.521	105	359619	20.760	ug/l	100
74) N-amyl acetate	12.333	43	135332	20.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	132114	19.764	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	113758m	24.604	ug/l	
77) Bromobenzene	12.798	156	92546	20.515	ug/l	97
78) n-propylbenzene	12.857	91	409326	21.001	ug/l	98
79) 2-Chlorotoluene	12.945	91	247133	20.315	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	304060	21.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	35895	19.658	ug/l	97
82) 4-Chlorotoluene	13.045	91	237036	20.559	ug/l	96
83) tert-Butylbenzene	13.263	119	260059	20.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	309271	22.064	ug/l	99
85) sec-Butylbenzene	13.439	105	367682	21.069	ug/l	100
86) p-Isopropyltoluene	13.557	119	305993	22.242	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	166731	20.249	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	168509	20.453	ug/l	98
89) n-Butylbenzene	13.880	91	233762	20.883	ug/l	97
90) Hexachloroethane	14.151	117	54099	19.820	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	172080	20.623	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26981	20.089	ug/l	98
93) 1,2,4-Trichlorobenzene	15.198	180	88171	21.279	ug/l	100
94) Hexachlorobutadiene	15.298	225	46242	20.528	ug/l	97
95) Naphthalene	15.433	128	300099	22.318	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	91987	21.093	ug/l	98

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

