

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073654.D
 Acq On : 01 Aug 2022 12:40
 Operator : JC\MD
 Sample : VN0801WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBS01

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 04:58:53 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	348518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	552031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	509103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	249580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223929	52.723	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.440%			
35) Dibromofluoromethane	7.951	113	189227	54.589	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.180%			
50) Toluene-d8	10.380	98	773641	56.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.440%#			
62) 4-Bromofluorobenzene	12.674	95	239608	52.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	62725	18.556	ug/l	97
3) Chloromethane	2.269	50	89211	20.478	ug/l	95
4) Vinyl Chloride	2.404	62	108493	18.351	ug/l	95
5) Bromomethane	2.804	94	73287	21.374	ug/l	99
6) Chloroethane	2.963	64	76707	21.012	ug/l	95
7) Trichlorofluoromethane	3.316	101	115487	18.954	ug/l	99
8) Diethyl Ether	3.769	74	43479	19.004	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	68758	20.397	ug/l	98
10) Methyl Iodide	4.351	142	70115	20.459	ug/l	98
11) Tert butyl alcohol	5.281	59	81611	89.097	ug/l	99
12) 1,1-Dichloroethene	4.116	96	63893	19.323	ug/l	88
13) Acrolein	3.981	56	106183	116.929	ug/l	100
14) Allyl chloride	4.757	41	95136	17.996	ug/l	96
15) Acrylonitrile	5.469	53	238129	93.982	ug/l	100
16) Acetone	4.216	43	197472	86.563	ug/l	99
17) Carbon Disulfide	4.457	76	162138	18.493	ug/l	99
18) Methyl Acetate	4.775	43	107009	18.855	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	224034	19.832	ug/l	99
20) Methylene Chloride	5.016	84	81906	20.912	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	69944	19.541	ug/l	93
22) Diisopropyl ether	6.410	45	220225	19.309	ug/l	98
23) Vinyl Acetate	6.345	43	938015	98.093	ug/l	100
24) 1,1-Dichloroethane	6.304	63	133395	19.011	ug/l	98
25) 2-Butanone	7.257	43	324679	91.647	ug/l	99
26) 2,2-Dichloropropane	7.245	77	106760	19.776	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	85206	19.320	ug/l	97
28) Bromochloromethane	7.580	49	59299	20.127	ug/l	98
29) Tetrahydrofuran	7.604	42	213846	95.472	ug/l	100
30) Chloroform	7.745	83	141337	19.333	ug/l	98
31) Cyclohexane	8.022	56	118852	18.796	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	119486	19.684	ug/l	99
36) 1,1-Dichloropropene	8.151	75	101451	20.535	ug/l	98
37) Ethyl Acetate	7.333	43	125877	19.347	ug/l	97
38) Carbon Tetrachloride	8.133	117	98409	19.612	ug/l	99
39) Methylcyclohexane	9.392	83	124610	21.107	ug/l	97
40) Benzene	8.386	78	319994	19.946	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	54392	18.474	ug/l	93
42) 1,2-Dichloroethane	8.463	62	107141	19.816	ug/l	97
43) Isopropyl Acetate	8.492	43	175728	19.996	ug/l	99
44) Trichloroethene	9.151	130	83443	20.510	ug/l	99
45) 1,2-Dichloropropane	9.427	63	77543	19.337	ug/l	96
46) Dibromomethane	9.516	93	56802	20.409	ug/l	99
47) Bromodichloromethane	9.698	83	109044	20.414	ug/l	98
48) Methyl methacrylate	9.492	41	75802	19.705	ug/l	92
49) 1,4-Dioxane	9.504	88	42137	388.587	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	634560	100.673	ug/l	100
52) Toluene	10.445	92	206670	21.090	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	108141	20.493	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	122921	20.671	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	84400	20.654	ug/l	99
56) Ethyl methacrylate	10.698	69	121116	21.505	ug/l	97
57) 1,3-Dichloropropane	10.986	76	142086	20.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	279896	100.120	ug/l	99
59) 2-Hexanone	11.027	43	485426	101.648	ug/l	99
60) Dibromochloromethane	11.180	129	86697	21.326	ug/l	98
61) 1,2-Dibromoethane	11.286	107	85521	20.320	ug/l	99
64) Tetrachloroethene	10.916	164	81063	20.035	ug/l	97
65) Chlorobenzene	11.710	112	220288	20.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	82112	21.170	ug/l	99
67) Ethyl Benzene	11.786	91	385977	21.157	ug/l	100
68) m/p-Xylenes	11.892	106	305978	43.975	ug/l	99
69) o-Xylene	12.221	106	145786	21.491	ug/l	99
70) Styrene	12.233	104	241233	22.215	ug/l	98
71) Bromoform	12.398	173	66709	20.837	ug/l #	99
73) Isopropylbenzene	12.521	105	378069	20.693	ug/l	100
74) N-amyl acetate	12.327	43	134221	19.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	130255	18.476	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	95028m	18.771	ug/l	
77) Bromobenzene	12.798	156	94963	19.960	ug/l	98
78) n-propylbenzene	12.863	91	436831	21.250	ug/l	98
79) 2-Chlorotoluene	12.945	91	258555	20.152	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	322705	21.464	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	38071	19.768	ug/l	98
82) 4-Chlorotoluene	13.045	91	249451	20.514	ug/l	96
83) tert-Butylbenzene	13.262	119	275458	20.684	ug/l	100
84) 1,2,4-Trimethylbenzene	13.304	105	317292	21.462	ug/l	99
85) sec-Butylbenzene	13.439	105	390002	21.189	ug/l	100
86) p-Isopropyltoluene	13.557	119	323491	22.295	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	173079	19.930	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	169300	19.484	ug/l	98
89) n-Butylbenzene	13.880	91	246790	20.904	ug/l	96
90) Hexachloroethane	14.145	117	57928	20.122	ug/l	100
91) 1,2-Dichlorobenzene	13.927	146	175808	19.977	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	27081	19.118	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	89822	20.553	ug/l	99
94) Hexachlorobutadiene	15.298	225	48518	20.421	ug/l	98
95) Naphthalene	15.433	128	287051	20.241	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	94847	20.621	ug/l	99

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

