

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074327.D
 Acq On : 03 Sep 2022 19:22
 Operator : JC\MD
 Sample : N4360-12MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20220823MS

Quant Time: Sep 05 05:38:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	618478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1257725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1252774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	565631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	499945	51.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.720%			
35) Dibromofluoromethane	7.951	113	409163	49.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.180%			
50) Toluene-d8	10.380	98	1590380	48.393	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.780%			
62) 4-Bromofluorobenzene	12.669	95	554244	46.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	262009	44.734	ug/l	100
3) Chloromethane	2.269	50	277036	32.786	ug/l	97
4) Vinyl Chloride	2.404	62	595654	37.882	ug/l	97
5) Bromomethane	2.775	94	261361	24.726	ug/l	98
6) Chloroethane	2.940	64	509269	41.126	ug/l	98
7) Trichlorofluoromethane	3.299	101	474379	42.686	ug/l	93
8) Diethyl Ether	3.757	74	213220	47.120	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.128	101	266226	39.504	ug/l	92
10) Methyl Iodide	4.346	142	147171	32.885	ug/l	92
11) Tert butyl alcohol	5.293	59	479430	274.102	ug/l	99
12) 1,1-Dichloroethene	4.110	96	270156	44.376	ug/l	98
13) Acrolein	3.975	56	241773	205.374	ug/l	95
14) Allyl chloride	4.763	41	370983	37.893	ug/l	92
15) Acrylonitrile	5.469	53	1275832	265.224	ug/l	98
16) Acetone	4.216	43	1059227	262.884	ug/l	99
17) Carbon Disulfide	4.451	76	582698	38.326	ug/l	99
18) Methyl Acetate	4.775	43	357470	29.478	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	1277099	52.925	ug/l	99
20) Methylene Chloride	5.004	84	357011	48.133	ug/l	94
21) trans-1,2-Dichloroethene	5.510	96	318981	45.712	ug/l	96
22) Diisopropyl ether	6.410	45	1240149	53.956	ug/l	98
23) Vinyl Acetate	6.351	43	3347541	167.564	ug/l	97
24) 1,1-Dichloroethane	6.304	63	685404	49.507	ug/l	99
25) 2-Butanone	7.257	43	1841477	270.646	ug/l	100
26) 2,2-Dichloropropane	7.245	77	266953	23.733	ug/l	95
27) cis-1,2-Dichloroethene	7.245	96	429685	48.408	ug/l	94
28) Bromochloromethane	7.586	49	288193	60.007	ug/l	88
29) Tetrahydrofuran	7.604	42	1275416	293.784	ug/l	99
30) Chloroform	7.745	83	807922	52.754	ug/l	98
31) Cyclohexane	8.022	56	538809	41.844	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	654785	51.547	ug/l	98
36) 1,1-Dichloropropene	8.151	75	498048	42.105	ug/l	98
37) Ethyl Acetate	7.334	43	459918	29.728	ug/l #	97
38) Carbon Tetrachloride	8.133	117	535582	44.819	ug/l	98
39) Methylcyclohexane	9.392	83	543893	38.163	ug/l	96
40) Benzene	8.386	78	1669667	44.744	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.581	41	383417m	55.104	ug/l	
42) 1,2-Dichloroethane	8.463	62	619063	44.598	ug/l	98
43) Isopropyl Acetate	8.492	43	765501	34.050	ug/l	97
44) Trichloroethene	9.151	130	510342	57.468	ug/l	91
45) 1,2-Dichloropropane	9.428	63	433250	46.676	ug/l	99
46) Dibromomethane	9.516	93	326724	46.162	ug/l #	85
47) Bromodichloromethane	9.698	83	642316	49.491	ug/l	97
48) Methyl methacrylate	9.498	41	479387	48.521	ug/l #	88
49) 1,4-Dioxane	9.504	88	255587	1005.153	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	4145288	263.577	ug/l	98
52) Toluene	10.445	92	1135861	49.257	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	486773	36.838	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	489875	33.791	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	483258	48.844	ug/l	96
56) Ethyl methacrylate	10.704	69	802037	54.451	ug/l #	94
57) 1,3-Dichloropropane	10.986	76	819779	48.449	ug/l	99
59) 2-Hexanone	11.027	43	3253752	273.360	ug/l	97
60) Dibromochloromethane	11.180	129	505304	51.463	ug/l	100
61) 1,2-Dibromoethane	11.286	107	488618	49.294	ug/l	99
64) Tetrachloroethene	10.916	164	302206	38.374	ug/l	94
65) Chlorobenzene	11.710	112	1196106	43.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	449324	44.156	ug/l	99
67) Ethyl Benzene	11.786	91	2260907	44.784	ug/l	99
68) m/p-Xylenes	11.892	106	1670888	88.663	ug/l	96
69) o-Xylene	12.221	106	847908	45.080	ug/l	95
70) Styrene	12.233	104	1464728	48.631	ug/l	99
71) Bromoform	12.398	173	361450	49.048	ug/l #	100
73) Isopropylbenzene	12.516	105	2261296	45.655	ug/l	98
74) N-amyl acetate	12.327	43	616265	29.173	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.768	83	844686	45.963	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	757919m	47.311	ug/l	
77) Bromobenzene	12.798	156	486017	44.204	ug/l	85
78) n-propylbenzene	12.857	91	2596095	45.854	ug/l	95
79) 2-Chlorotoluene	12.945	91	1542384	44.372	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	1835867	46.228	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	137775	27.919	ug/l	93
82) 4-Chlorotoluene	13.045	91	1485959	45.536	ug/l	98
83) tert-Butylbenzene	13.263	119	1616518	44.848	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	1843667	45.830	ug/l	96
85) sec-Butylbenzene	13.439	105	2265729	45.025	ug/l	97
86) p-Isopropyltoluene	13.557	119	1824532	46.543	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	896555	44.545	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	873518	43.562	ug/l	98
89) n-Butylbenzene	13.880	91	1522835	44.527	ug/l	96
90) Hexachloroethane	14.151	117	332987	43.667	ug/l	80
91) 1,2-Dichlorobenzene	13.927	146	924361	43.814	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	185897	46.597	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	452922	43.476	ug/l	98
94) Hexachlorobutadiene	15.298	225	178795	40.810	ug/l	97
95) Naphthalene	15.433	128	1950655	47.685	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	472400	44.445	ug/l	98

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

