

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074251.D
 Acq On : 01 Sep 2022 18:46
 Operator : JC\MD
 Sample : N4446-09MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-05MS

Quant Time: Sep 02 05:40:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	192486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	392728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	352912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	160142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	164836	55.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.400%			
35) Dibromofluoromethane	7.951	113	124437	48.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.380%			
50) Toluene-d8	10.380	98	514989	51.171	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.669	95	163861	53.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	98232	49.321	ug/l	94
3) Chloromethane	2.269	50	199603	71.151	ug/l	98
4) Vinyl Chloride	2.404	62	185539	66.559	ug/l	98
5) Bromomethane	2.781	94	62536	41.032	ug/l	91
6) Chloroethane	2.957	64	118931	65.404	ug/l	96
7) Trichlorofluoromethane	3.310	101	270014	63.362	ug/l	99
8) Diethyl Ether	3.763	74	97370	53.728	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.134	101	106673	43.832	ug/l	92
10) Methyl Iodide	4.351	142	67875	34.554	ug/l	96
11) Tert butyl alcohol	5.287	59	209040	313.525	ug/l	99
12) 1,1-Dichloroethene	4.116	96	122505	54.282	ug/l	93
13) Acrolein	3.975	56	178303	270.131	ug/l	98
14) Allyl chloride	4.763	41	264078	52.473	ug/l #	92
15) Acrylonitrile	5.475	53	635613	294.656	ug/l	97
16) Acetone	4.222	43	552407	276.863	ug/l	96
17) Carbon Disulfide	4.457	76	328971	51.219	ug/l	99
18) Methyl Acetate	4.775	43	252487	49.970	ug/l #	86
19) Methyl tert-butyl Ether	5.528	73	482743	57.829	ug/l	98
20) Methylene Chloride	5.004	84	150719	56.587	ug/l #	80
21) trans-1,2-Dichloroethene	5.510	96	129704	49.795	ug/l	92
22) Diisopropyl ether	6.416	45	608784	59.373	ug/l #	89
23) Vinyl Acetate	6.351	43	2001668	231.217	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	282934	55.934	ug/l	98
25) 2-Butanone	7.257	43	935096	292.968	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	70371	21.726	ug/l	90
27) cis-1,2-Dichloroethene	7.245	96	155278	53.372	ug/l	97
28) Bromochloromethane	7.586	49	109241	65.213	ug/l #	66
29) Tetrahydrofuran	7.610	42	652897	321.194	ug/l #	81
30) Chloroform	7.745	83	258228	50.079	ug/l	98
31) Cyclohexane	8.022	56	268988	54.522	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	198009	49.931	ug/l #	93
36) 1,1-Dichloropropene	8.157	75	191244	46.122	ug/l	96
37) Ethyl Acetate	7.334	43	294331	42.445	ug/l #	92
38) Carbon Tetrachloride	8.133	117	158286	41.916	ug/l	97
39) Methylcyclohexane	9.392	83	215992	44.374	ug/l	91
40) Benzene	8.392	78	652112	50.087	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	159460	49.817	ug/l	91
42) 1,2-Dichloroethane	8.463	62	211732	45.698	ug/l	99
43) Isopropyl Acetate	8.492	43	447786	48.035	ug/l #	93
44) Trichloroethene	9.151	130	129564	44.534	ug/l	89
45) 1,2-Dichloropropane	9.428	63	176820	50.301	ug/l	97
46) Dibromomethane	9.510	93	104711	44.601	ug/l #	86
47) Bromodichloromethane	9.698	83	201148	43.721	ug/l	94
48) Methyl methacrylate	9.498	41	230218	51.990	ug/l	87
49) 1,4-Dioxane	9.504	88	91865	961.594	ug/l #	85
51) 4-Methyl-2-Pentanone	10.269	43	1865552	275.741	ug/l	89
52) Toluene	10.445	92	384779	50.141	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	194571	44.605	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	213591	43.736	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	156545	47.160	ug/l	97
56) Ethyl methacrylate	10.704	69	285766	56.797	ug/l #	81
57) 1,3-Dichloropropane	10.986	76	278590	48.292	ug/l	99
59) 2-Hexanone	11.027	43	1468104	285.941	ug/l	86
60) Dibromochloromethane	11.180	129	137565	44.245	ug/l	97
61) 1,2-Dibromoethane	11.286	107	153584	48.421	ug/l	98
64) Tetrachloroethene	10.916	164	98246	38.433	ug/l	97
65) Chlorobenzene	11.710	112	376720	47.437	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	126657	44.872	ug/l	98
67) Ethyl Benzene	11.780	91	735964	51.642	ug/l	97
68) m/p-Xylenes	11.892	106	540443	102.082	ug/l	97
69) o-Xylene	12.221	106	274801	52.093	ug/l	99
70) Styrene	12.233	104	443824	52.809	ug/l	99
71) Bromoform	12.398	173	99314	41.539	ug/l #	99
73) Isopropylbenzene	12.516	105	674381	49.173	ug/l	98
74) N-amyl acetate	12.327	43	351570	45.309	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.768	83	280484	49.315	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	219749m	57.888	ug/l	
77) Bromobenzene	12.798	156	148797	46.382	ug/l	79
78) n-propylbenzene	12.857	91	833946	53.345	ug/l	94
79) 2-Chlorotoluene	12.945	91	470304	49.115	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	552270	49.514	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	58220	37.736	ug/l	87
82) 4-Chlorotoluene	13.045	91	457883	49.419	ug/l	98
83) tert-Butylbenzene	13.263	119	477858	50.085	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	554791	51.538	ug/l	99
85) sec-Butylbenzene	13.439	105	696397	52.033	ug/l	97
86) p-Isopropyltoluene	13.551	119	542232	52.068	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	266650	46.628	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	268523	45.387	ug/l	99
89) n-Butylbenzene	13.880	91	479000	52.812	ug/l	96
90) Hexachloroethane	14.151	117	95593	44.525	ug/l	78
91) 1,2-Dichlorobenzene	13.927	146	282970	46.941	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	55984	49.247	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	138891	47.102	ug/l	97
94) Hexachlorobutadiene	15.298	225	51393	35.441	ug/l	97
95) Naphthalene	15.433	128	618528	50.880	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	148759	48.699	ug/l	96

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

