

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074572.D
 Acq On : 17 Sep 2022 21:45
 Operator : JC\MD
 Sample : N4663-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HW-43MS

Quant Time: Sep 19 02:59:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 09/19/2022

Supervised By :Mahesh
 Dadoda
 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	200542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	381727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	351403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	170174	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	178304	52.401	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.800%	
35) Dibromofluoromethane	7.951	113	133151	52.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.020%	
50) Toluene-d8	10.380	98	501952	51.185	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.360%	
62) 4-Bromofluorobenzene	12.674	95	181687	54.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.180%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	85596	39.218	ug/l	99
3) Chloromethane	2.263	50	184408	50.231	ug/l	96
4) Vinyl Chloride	2.405	62	246760	62.811	ug/l	99
5) Bromomethane	2.775	94	176969	85.417	ug/l	100
6) Chloroethane	2.952	64	181730	67.721	ug/l	98
7) Trichlorofluoromethane	3.304	101	186560	43.002	ug/l	96
8) Diethyl Ether	3.763	74	95522	43.176	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.134	101	123187	45.896	ug/l	90
10) Methyl Iodide	4.346	142	147523	46.592	ug/l	94
11) Tert butyl alcohol	5.287	59	223273	201.431	ug/l	100
12) 1,1-Dichloroethene	4.104	96	117147	44.390	ug/l	85
13) Acrolein	3.975	56	93521	231.037	ug/l	98
14) Allyl chloride	4.757	41	290980	46.138	ug/l #	94
15) Acrylonitrile	5.469	53	621885	249.730	ug/l	98
16) Acetone	4.216	43	534175	245.330	ug/l	96
17) Carbon Disulfide	4.451	76	303199	41.864	ug/l	97
18) Methyl Acetate	4.769	43	303644	44.899	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	520191	46.731	ug/l	97
20) Methylene Chloride	5.010	84	155798	46.870	ug/l #	72
21) trans-1,2-Dichloroethene	5.510	96	132486	45.705	ug/l	90
22) Diisopropyl ether	6.410	45	640934	50.610	ug/l #	91
23) Vinyl Acetate	6.351	43	2698460	241.584	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	304414	48.088	ug/l	99
25) 2-Butanone	7.257	43	956160	264.490	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	165320	30.291	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	168811	45.461	ug/l	92
28) Bromochloromethane	7.581	49	92801	49.781	ug/l #	66
29) Tetrahydrofuran	7.610	42	630868	265.418	ug/l #	83
30) Chloroform	7.745	83	293577	50.246	ug/l	94
31) Cyclohexane	8.022	56	274955	45.525	ug/l	86
32) 1,1,1-Trichloroethane	7.945	97	241265	47.081	ug/l	94
36) 1,1-Dichloropropene	8.151	75	211166	47.047	ug/l	94
37) Ethyl Acetate	7.334	43	340667	49.147	ug/l #	92
38) Carbon Tetrachloride	8.134	117	192992	46.571	ug/l	99
39) Methylcyclohexane	9.392	83	241398	45.230	ug/l	92
40) Benzene	8.392	78	683537	49.249	ug/l	100

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41) Methacrylonitrile	7.563	41	166704	49.745	ug/l	87
42) 1,2-Dichloroethane	8.463	62	237810	49.930	ug/l	99
43) Isopropyl Acetate	8.492	43	547692	50.444	ug/l #	90
44) Trichloroethene	9.151	130	141893	47.246	ug/l	95
45) 1,2-Dichloropropane	9.428	63	189622	49.713	ug/l	97
46) Dibromomethane	9.516	93	115617	48.397	ug/l #	84
47) Bromodichloromethane	9.698	83	238751	50.975	ug/l #	98
48) Methyl methacrylate	9.498	41	240383	49.931	ug/l #	82
49) 1,4-Dioxane	9.504	88	86141	930.667	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	2014035	284.061	ug/l	87
52) Toluene	10.445	92	420775	51.700	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	248718	45.564	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	267871	45.856	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	170310	49.402	ug/l	98
56) Ethyl methacrylate	10.704	69	310766	50.465	ug/l #	76
57) 1,3-Dichloropropane	10.986	76	309304	51.172	ug/l	100
59) 2-Hexanone	11.027	43	1552119	286.764	ug/l	86
60) Dibromochloromethane	11.180	129	166543	50.464	ug/l	99
61) 1,2-Dibromoethane	11.286	107	166163	49.615	ug/l	98
64) Tetrachloroethene	10.922	164	113045	46.876	ug/l	91
65) Chlorobenzene	11.710	112	427392	48.447	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	156056	48.688	ug/l	98
67) Ethyl Benzene	11.786	91	804007	49.640	ug/l	98
68) m/p-Xylenes	11.898	106	605293	101.078	ug/l	95
69) o-Xylene	12.222	106	311530	51.023	ug/l	98
70) Styrene	12.233	104	495125	48.749	ug/l	98
71) Bromoform	12.398	173	120103	50.983	ug/l #	98
73) Isopropylbenzene	12.521	105	788635	45.260	ug/l	97
74) N-amyl acetate	12.333	43	496717	45.593	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.769	83	320881	45.954	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	231061m	44.112	ug/l	
77) Bromobenzene	12.804	156	163819	44.012	ug/l	74
78) n-propylbenzene	12.863	91	968879	46.687	ug/l	96
79) 2-Chlorotoluene	12.951	91	554918	44.792	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	655860	46.174	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	91264	37.605	ug/l	90
82) 4-Chlorotoluene	13.045	91	546058	46.372	ug/l	98
83) tert-Butylbenzene	13.269	119	589037	45.566	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	661061	46.246	ug/l	99
85) sec-Butylbenzene	13.445	105	859551	48.426	ug/l	97
86) p-Isopropyltoluene	13.557	119	677023	48.926	ug/l	96
87) 1,3-Dichlorobenzene	13.557	146	326206	47.692	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	313149	45.553	ug/l	98
89) n-Butylbenzene	13.886	91	615087	49.315	ug/l	96
90) Hexachloroethane	14.151	117	131644	43.723	ug/l	73
91) 1,2-Dichlorobenzene	13.933	146	319068	44.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	66400	43.064	ug/l	80
93) 1,2,4-Trichlorobenzene	15.198	180	163628	48.402	ug/l	97
94) Hexachlorobutadiene	15.304	225	68300	45.970	ug/l	98
95) Naphthalene	15.439	128	679695	46.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	161119	46.099	ug/l	95

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

