

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074148.D
 Acq On : 26 Aug 2022 20:18
 Operator : JC\MD
 Sample : N4297-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D-20220819MS

Quant Time: Aug 27 00:23:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	381777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	685945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	637877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	325886	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	266412	71.645	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 143.300%#	
35) Dibromofluoromethane	7.951	113	218063	53.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.520%	
50) Toluene-d8	10.380	98	754284	48.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.020%	
62) 4-Bromofluorobenzene	12.668	95	309803	59.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.840%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	158274	52.284	ug/l	98
3) Chloromethane	2.269	50	172695	51.301	ug/l	99
4) Vinyl Chloride	2.404	62	241039	55.776	ug/l	99
5) Bromomethane	2.781	94	116278	43.087	ug/l	99
6) Chloroethane	2.951	64	165903	54.342	ug/l	100
7) Trichlorofluoromethane	3.304	101	369902	66.353	ug/l	98
8) Diethyl Ether	3.763	74	128964	62.319	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	186227	57.505	ug/l	96
10) Methyl Iodide	4.345	142	197755	50.864	ug/l	98
11) Tert butyl alcohol	5.298	59	284970	342.607	ug/l	99
12) 1,1-Dichloroethene	4.110	96	185261	61.485	ug/l	91
13) Acrolein	3.975	56	131278	225.485	ug/l	97
14) Allyl chloride	4.757	41	289882	64.960	ug/l	95
15) Acrylonitrile	5.475	53	774325	381.310	ug/l	99
16) Acetone	4.222	43	639352	364.441	ug/l	98
17) Carbon Disulfide	4.451	76	440441	61.476	ug/l	99
18) Methyl Acetate	4.775	43	313840	72.735	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	677710	62.451	ug/l	97
20) Methylene Chloride	5.016	84	229986	62.126	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	197968	59.636	ug/l	99
22) Diisopropyl ether	6.410	45	638799	67.516	ug/l	98
23) Vinyl Acetate	6.351	43	2575735	317.675	ug/l	99
24) 1,1-Dichloroethane	6.304	63	401559	68.183	ug/l	98
25) 2-Butanone	7.263	43	1024036	368.135	ug/l	99
26) 2,2-Dichloropropane	7.245	77	228170	41.237	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	276393	67.484	ug/l	92
28) Bromochloromethane	7.586	49	117028	53.876	ug/l	93
29) Tetrahydrofuran	7.610	42	576437	323.044	ug/l	98
30) Chloroform	7.745	83	371710	56.444	ug/l	99
31) Cyclohexane	8.028	56	271595	52.394	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	322904	55.292	ug/l	98
36) 1,1-Dichloropropene	8.151	75	277582	49.265	ug/l	100
37) Ethyl Acetate	7.339	43	365648	53.566	ug/l	99
38) Carbon Tetrachloride	8.133	117	295557	45.891	ug/l	99
39) Methylcyclohexane	9.392	83	326475	46.242	ug/l	97
40) Benzene	8.392	78	923879	51.952	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	152124	49.314	ug/l	97
42) 1,2-Dichloroethane	8.463	62	312240	51.064	ug/l	99
43) Isopropyl Acetate	8.498	43	495847	50.990	ug/l	97
44) Trichloroethene	9.151	130	379238	73.834	ug/l	100
45) 1,2-Dichloropropane	9.427	63	232628	54.576	ug/l	100
46) Dibromomethane	9.516	93	168264	51.923	ug/l	97
47) Bromodichloromethane	9.698	83	322769	52.110	ug/l	99
48) Methyl methacrylate	9.498	41	239528	57.566	ug/l	95
49) 1,4-Dioxane	9.504	88	148832	1202.805	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	1679306	255.421	ug/l	100
52) Toluene	10.445	92	514565	42.197	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	311913	47.989	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	340035	47.815	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	250103	52.725	ug/l	99
56) Ethyl methacrylate	10.704	69	381739	56.424	ug/l	94
57) 1,3-Dichloropropane	10.986	76	414184	53.702	ug/l	100
59) 2-Hexanone	11.027	43	1541618	304.673	ug/l	98
60) Dibromochloromethane	11.180	129	267172	50.932	ug/l	100
61) 1,2-Dibromoethane	11.286	107	256285	50.514	ug/l	100
64) Tetrachloroethene	10.916	164	248710	49.400	ug/l	98
65) Chlorobenzene	11.710	112	645722	47.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	246816	48.080	ug/l	98
67) Ethyl Benzene	11.786	91	1120407	49.697	ug/l	99
68) m/p-Xylenes	11.892	106	871113	95.097	ug/l	99
69) o-Xylene	12.221	106	439096	47.801	ug/l	100
70) Styrene	12.233	104	728679	50.668	ug/l	98
71) Bromoform	12.398	173	219287	47.845	ug/l	100
73) Isopropylbenzene	12.521	105	1113726	46.933	ug/l	99
74) N-amyl acetate	12.327	43	403389	44.967	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.768	83	409768	51.458	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	346147m	51.103	ug/l	
77) Bromobenzene	12.798	156	289513	45.073	ug/l	97
78) n-propylbenzene	12.863	91	1257486	49.713	ug/l	100
79) 2-Chlorotoluene	12.945	91	774653	49.143	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	944145	48.915	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	110553	46.421	ug/l	98
82) 4-Chlorotoluene	13.045	91	743430	49.656	ug/l	98
83) tert-Butylbenzene	13.263	119	851468	47.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	947938	49.180	ug/l	99
85) sec-Butylbenzene	13.439	105	1147423	49.837	ug/l	99
86) p-Isopropyltoluene	13.557	119	982878	50.111	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	511959	45.961	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	510985	45.265	ug/l	99
89) n-Butylbenzene	13.880	91	735627	47.351	ug/l	98
90) Hexachloroethane	14.151	117	148299	41.364	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	535822	46.582	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	77907	41.435	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	297693	42.522	ug/l	99
94) Hexachlorobutadiene	15.304	225	156323	42.359	ug/l	98
95) Naphthalene	15.433	128	1051421	46.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	318500	44.015	ug/l	99

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

