

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077696.D
 Acq On : 16 May 2023 16:38
 Operator : JC\MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 17 04:58:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:54:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

05/17/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	371959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	681862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	589009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	301868	54.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.480%	
35) Dibromofluoromethane	8.171	113	234842	52.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.640%	
50) Toluene-d8	10.571	98	891845	52.111	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	12.853	95	289629	47.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	10126	2.392	ug/l	98
3) Chloromethane	2.366	50	12658	2.495	ug/l	96
4) Vinyl Chloride	2.519	62	14640	2.743	ug/l	97
5) Bromomethane	2.960	94	13117	3.323	ug/l	93
6) Chloroethane	3.124	64	11678	3.036	ug/l	95
7) Trichlorofluoromethane	3.495	101	18172	2.443	ug/l	99
8) Diethyl Ether	3.971	74	6934	2.554	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	9996	2.428	ug/l #	88
10) Methyl Iodide	4.595	142	11894	2.423	ug/l #	83
11) Tert butyl alcohol	5.542	59	12152	15.821	ug/l #	72
12) 1,1-Dichloroethene	4.348	96	9666	2.471	ug/l	95
13) Acrolein	4.195	56	10039	18.380	ug/l #	55
14) Allyl chloride	5.030	41	14056	2.446	ug/l	90
15) Acrylonitrile	5.736	53	28053	13.671	ug/l	99
16) Acetone	4.442	43	24376	13.921	ug/l	97
17) Carbon Disulfide	4.718	76	23322	2.212	ug/l	99
18) Methyl Acetate	5.030	43	18452	2.512	ug/l	89
19) Methyl tert-butyl Ether	5.807	73	36516	2.579	ug/l	95
20) Methylene Chloride	5.289	84	14228	2.713	ug/l #	93
21) trans-1,2-Dichloroethene	5.789	96	11003	2.504	ug/l	90
22) Diisopropyl ether	6.683	45	33847	2.513	ug/l #	87
23) Vinyl Acetate	6.612	43	112943m	13.532	ug/l	
24) 1,1-Dichloroethane	6.571	63	20885	2.531	ug/l	93
25) 2-Butanone	7.495	43	34708	12.672	ug/l #	84
26) 2,2-Dichloropropane	7.501	77	16331	2.329	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	13348	2.533	ug/l	91
28) Bromochloromethane	7.824	49	9897	2.773	ug/l #	76
29) Tetrahydrofuran	7.853	42	22741	12.680	ug/l #	83
30) Chloroform	7.971	83	22527	2.481	ug/l	99
31) Cyclohexane	8.259	56	26167	3.459	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	20119	2.607	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	17693	2.721	ug/l	91
37) Ethyl Acetate	7.583	43	14557	2.511	ug/l #	87
38) Carbon Tetrachloride	8.371	117	16809	2.560	ug/l	94
39) Methylcyclohexane	9.612	83	19720	2.477	ug/l #	76
40) Benzene	8.612	78	49022	2.554	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	7737	2.506	ug/l	94
42) 1,2-Dichloroethane	8.677	62	16661	2.390	ug/l	92
43) Isopropyl Acetate	8.700	43	25743	2.719	ug/l #	92
44) Trichloroethene	9.359	130	11048	2.274	ug/l	95
45) 1,2-Dichloropropane	9.624	63	11902	2.431	ug/l #	80
46) Dibromomethane	9.712	93	9082	2.593	ug/l	95
47) Bromodichloromethane	9.895	83	16093	2.400	ug/l #	89
48) Methyl methacrylate	9.683	41	12426	2.768	ug/l #	82
49) 1,4-Dioxane	9.706	88	4462	52.627	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	72700	12.918	ug/l	93
52) Toluene	10.630	92	29723	2.488	ug/l	92
53) t-1,3-Dichloropropene	10.842	75	15218	2.143	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	17840	2.280	ug/l #	92
55) 1,1,2-Trichloroethane	11.024	97	12092	2.549	ug/l #	86
56) Ethyl methacrylate	10.877	69	17730	2.472	ug/l	90
57) 1,3-Dichloropropane	11.171	76	20992	2.581	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	42589	12.069	ug/l	89
59) 2-Hexanone	11.200	43	50175	12.053	ug/l	94
60) Dibromochloromethane	11.359	129	11512	2.351	ug/l	99
61) 1,2-Dibromoethane	11.477	107	12370	2.614	ug/l	96
64) Tetrachloroethene	11.106	164	11370	2.760	ug/l	92
65) Chlorobenzene	11.900	112	32221	2.523	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	11242	2.544	ug/l	98
67) Ethyl Benzene	11.971	91	55400	2.421	ug/l	100
68) m/p-Xylenes	12.077	106	41839	4.825	ug/l	100
69) o-Xylene	12.406	106	20741	2.432	ug/l	99
70) Styrene	12.418	104	31816	2.349	ug/l	97
71) Bromoform	12.583	173	6675	2.271	ug/l #	100
73) Isopropylbenzene	12.700	105	49664	2.433	ug/l	97
74) N-amyl acetate	12.500	43	17613	2.334	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	17264	2.749	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	12956m	2.185	ug/l	
77) Bromobenzene	12.988	156	11373	2.441	ug/l	88
78) n-propylbenzene	13.041	91	57513	2.390	ug/l	98
79) 2-Chlorotoluene	13.130	91	37913	2.640	ug/l	95
80) 1,3,5-Trimethylbenzene	13.183	105	39860	2.323	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	153558	82.763	ug/l #	15
82) 4-Chlorotoluene	13.230	91	36133	2.529	ug/l	99
83) tert-Butylbenzene	13.447	119	39551	2.641	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	40528	2.402	ug/l	94
85) sec-Butylbenzene	13.624	105	50804	2.387	ug/l	93
86) p-Isopropyltoluene	13.735	119	38475	2.267	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	21049	2.443	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	20935	2.449	ug/l	90
89) n-Butylbenzene	14.059	91	34770	2.228	ug/l	98
90) Hexachloroethane	14.341	117	6444	2.311	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	21404	2.659	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.724	75	2708	2.227	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	10087	2.145	ug/l	92
94) Hexachlorobutadiene	15.512	225	4714	2.414	ug/l	94
95) Naphthalene	15.647	128	33538	2.072	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	9760	2.119	ug/l	97

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

