

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072423.D
 Acq On : 11 May 2022 17:40
 Operator : JC\MD
 Sample : N2763-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20220509MS

Quant Time: May 12 02:13:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	181596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	298480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	284079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	129404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	155356	55.854	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.700%			
35) Dibromofluoromethane	8.022	113	108048	54.411	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.820%			
50) Toluene-d8	10.439	98	394657	52.184	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.727	95	141691	56.413	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	114665	50.629	ug/l	97
3) Chloromethane	2.299	50	102224	48.178	ug/l	99
4) Vinyl Chloride	2.440	62	87374	45.308	ug/l	100
5) Bromomethane	2.828	94	51749	45.072	ug/l	97
6) Chloroethane	3.004	64	50122	49.601	ug/l	95
7) Trichlorofluoromethane	3.363	101	192650	53.900	ug/l	96
8) Diethyl Ether	3.828	74	62944	48.816	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	95481	48.958	ug/l	98
10) Methyl Iodide	4.422	142	121063	46.827	ug/l #	85
11) Tert butyl alcohol	5.369	59	110574	243.125	ug/l	99
12) 1,1-Dichloroethene	4.187	96	88776	48.581	ug/l	96
13) Acrolein	4.040	56	95549	214.729	ug/l	96
14) Allyl chloride	4.840	41	161265	47.398	ug/l	93
15) Acrylonitrile	5.545	53	312880	253.168	ug/l	98
16) Acetone	4.281	43	301379	273.597	ug/l	94
17) Carbon Disulfide	4.528	76	223487	47.156	ug/l	98
18) Methyl Acetate	4.851	43	232656	71.735	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	357669	54.161	ug/l	99
20) Methylene Chloride	5.093	84	106249	47.042	ug/l	88
21) trans-1,2-Dichloroethene	5.598	96	92723	48.499	ug/l	95
22) Diisopropyl ether	6.492	45	330530	47.808	ug/l	97
23) Vinyl Acetate	6.428	43	1145950	198.092	ug/l	94
24) 1,1-Dichloroethane	6.387	63	191652	49.123	ug/l	100
25) 2-Butanone	7.328	43	432884	248.997	ug/l	95
26) 2,2-Dichloropropane	7.322	77	152263	46.442	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	113111	49.212	ug/l	94
28) Bromochloromethane	7.651	49	75059	45.310	ug/l	91
29) Tetrahydrofuran	7.681	42	286923	253.943	ug/l	91
30) Chloroform	7.816	83	208810	52.608	ug/l	96
31) Cyclohexane	8.092	56	163508	44.364	ug/l	95
32) 1,1,1-Trichloroethane	8.004	97	196893	54.084	ug/l	99
36) 1,1-Dichloropropene	8.216	75	144444	50.644	ug/l	97
37) Ethyl Acetate	7.410	43	167614	48.981	ug/l	98
38) Carbon Tetrachloride	8.204	117	173141	54.241	ug/l	99
39) Methylcyclohexane	9.457	83	166921	52.074	ug/l	95
40) Benzene	8.457	78	423011	49.648	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	91918	54.248	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	183838	53.682	ug/l	97
43) Isopropyl Acetate	8.557	43	267382	50.870	ug/l	95
44) Trichloroethene	9.216	130	108541	50.182	ug/l	95
45) 1,2-Dichloropropane	9.486	63	108288	49.767	ug/l	98
46) Dibromomethane	9.575	93	78392	51.742	ug/l	94
47) Bromodichloromethane	9.757	83	167715	54.299	ug/l	98
48) Methyl methacrylate	9.557	41	133995	54.640	ug/l	89
49) 1,4-Dioxane	9.563	88	43267	1034.293	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	872428	267.304	ug/l	93
52) Toluene	10.504	92	272408	51.850	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	170937	54.369	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	178585	53.239	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	111091	50.758	ug/l	97
56) Ethyl methacrylate	10.757	69	176052	56.125	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	191714	51.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	210378	248.233	ug/l	100
59) 2-Hexanone	11.080	43	640566	279.904	ug/l	91
60) Dibromochloromethane	11.233	129	129221	55.580	ug/l	99
61) 1,2-Dibromoethane	11.339	107	116010	53.187	ug/l	100
64) Tetrachloroethene	10.974	164	101943	49.855	ug/l	92
65) Chlorobenzene	11.769	112	286294	49.327	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	115974	49.923	ug/l	97
67) Ethyl Benzene	11.839	91	533654	53.291	ug/l	100
68) m/p-Xylenes	11.951	106	409499	107.819	ug/l	94
69) o-Xylene	12.274	106	197466	52.916	ug/l	91
70) Styrene	12.292	104	326009	57.106	ug/l	96
71) Bromoform	12.451	173	96584	56.362	ug/l #	99
73) Isopropylbenzene	12.574	105	532899	49.710	ug/l	98
74) N-amyl acetate	12.386	43	146013	38.534	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	163987	42.136	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	156150m	46.265	ug/l	
77) Bromobenzene	12.857	156	121296	47.293	ug/l	94
78) n-propylbenzene	12.916	91	583334	50.852	ug/l	98
79) 2-Chlorotoluene	13.004	91	363875	48.285	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	445515	50.743	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	47668	47.116	ug/l	88
82) 4-Chlorotoluene	13.104	91	348981	48.865	ug/l	97
83) tert-Butylbenzene	13.321	119	396082	51.532	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	437790	51.259	ug/l	96
85) sec-Butylbenzene	13.498	105	518989	50.630	ug/l	99
86) p-Isopropyltoluene	13.610	119	429737	53.820	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	213543	48.278	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	210892	47.926	ug/l	98
89) n-Butylbenzene	13.939	91	302840	49.617	ug/l	98
90) Hexachloroethane	14.204	117	79870	50.056	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	216831	49.083	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36856	54.460	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	93123	55.647	ug/l	97
94) Hexachlorobutadiene	15.368	225	53182	47.998	ug/l	99
95) Naphthalene	15.504	128	285711	46.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	95072	56.691	ug/l	97

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

