

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072283.D
 Acq On : 29 Apr 2022 20:34
 Operator : JC\MD
 Sample : N2617-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1MSD

Quant Time: Apr 30 03:18:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	235388	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	398249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	377488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	156219	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.433	65	185847	51.428	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.860%	
35) Dibromofluoromethane	8.016	113	127012	49.828	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.660%	
50) Toluene-d8	10.433	98	508580	50.776	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.727	95	196270	59.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 118.080%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	128804	48.817	ug/l	99
3) Chloromethane	2.299	50	122923	41.381	ug/l	97
4) Vinyl Chloride	2.446	62	116664	44.027	ug/l	94
5) Bromomethane	2.840	94	68887	54.511	ug/l	100
6) Chloroethane	3.010	64	70135	46.717	ug/l	97
7) Trichlorofluoromethane	3.375	101	222121	47.981	ug/l	98
8) Diethyl Ether	3.828	74	81049	48.349	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.216	101	111334	45.784	ug/l	97
10) Methyl Iodide	4.422	142	147267	49.892	ug/l	# 86
11) Tert butyl alcohol	5.363	59	137556	231.629	ug/l	98
12) 1,1-Dichloroethene	4.187	96	102908	45.774	ug/l	87
13) Acrolein	4.040	56	130224	217.898	ug/l	# 16
14) Allyl chloride	4.834	41	200164	42.882	ug/l	97
15) Acrylonitrile	5.545	53	416141	232.212	ug/l	97
16) Acetone	4.281	43	411438	264.077	ug/l	91
17) Carbon Disulfide	4.528	76	235022	44.472	ug/l	99
18) Methyl Acetate	4.851	43	191590	43.983	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	468412	53.154	ug/l	# 1
20) Methylene Chloride	5.093	84	132027	44.208	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	113670	45.852	ug/l	93
22) Diisopropyl ether	6.492	45	442903	46.065	ug/l	96
23) Vinyl Acetate	6.428	43	1790591	221.746	ug/l	95
24) 1,1-Dichloroethane	6.381	63	250302	46.541	ug/l	99
25) 2-Butanone	7.328	43	551426	222.236	ug/l	96
26) 2,2-Dichloropropane	7.322	77	191409	45.562	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	144212	47.718	ug/l	93
28) Bromochloromethane	7.651	49	101742	42.248	ug/l	87
29) Tetrahydrofuran	7.681	42	347674	213.510	ug/l	94
30) Chloroform	7.816	83	298184	55.220	ug/l	98
31) Cyclohexane	8.092	56	575700	119.230	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	243857	53.067	ug/l	98
36) 1,1-Dichloropropene	8.222	75	184633	49.763	ug/l	95
37) Ethyl Acetate	7.410	43	208617	42.339	ug/l	98
38) Carbon Tetrachloride	8.204	117	205318	51.668	ug/l	97
39) Methylcyclohexane	9.457	83	545681	131.499	ug/l	92
40) Benzene	8.457	78	545935	47.437	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	124956	50.129	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	227215	51.570	ug/l	92
43) Isopropyl Acetate	8.557	43	373327	48.284	ug/l	93
44) Trichloroethene	9.210	130	130842	48.874	ug/l	86
45) 1,2-Dichloropropane	9.486	63	148778	47.842	ug/l	96
46) Dibromomethane	9.575	93	97236	49.913	ug/l	90
47) Bromodichloromethane	9.757	83	213554	52.245	ug/l	99
48) Methyl methacrylate	9.557	41	173924	53.437	ug/l	91
49) 1,4-Dioxane	9.563	88	55369	968.437	ug/l	95
51) 4-Methyl-2-Pentanone	10.327	43	1122403	241.426	ug/l	97
52) Toluene	10.498	92	638473	92.801	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	224123	54.545	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	236179	53.149	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	175907	60.978	ug/l	96
56) Ethyl methacrylate	10.757	69	254090	50.280	ug/l	93
57) 1,3-Dichloropropane	11.039	76	250694	49.524	ug/l	100
59) 2-Hexanone	11.080	43	827905	252.755	ug/l	96
60) Dibromochloromethane	11.233	129	157315	53.330	ug/l	99
61) 1,2-Dibromoethane	11.339	107	148369	52.298	ug/l	97
64) Tetrachloroethene	10.974	164	107879	47.476	ug/l	93
65) Chlorobenzene	11.763	112	375646	49.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	143569	49.955	ug/l	96
67) Ethyl Benzene	11.839	91	5803348	436.295	ug/l	97
68) m/p-Xylenes	11.945	106	6303330	1276.144	ug/l	88
69) o-Xylene	12.274	106	1359340	283.880	ug/l	88
70) Styrene	12.286	104	487410	64.622	ug/l #	55
71) Bromoform	12.451	173	113193	52.956	ug/l #	99
73) Isopropylbenzene	12.574	105	2338739	169.507	ug/l	96
74) N-amyl acetate	12.380	43	247257	47.833	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	216424	46.943	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	270737m	69.994	ug/l	
77) Bromobenzene	12.857	156	155676	47.712	ug/l	88
78) n-propylbenzene	12.916	91	5953097	391.657	ug/l	96
79) 2-Chlorotoluene	13.098	91	456097	45.684	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	4454475	387.665	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	61905	45.819	ug/l	92
82) 4-Chlorotoluene	13.098	91	456097	49.076	ug/l	98
83) tert-Butylbenzene	13.316	119	506401	50.195	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	14224473	1279.461	ug/l	95
85) sec-Butylbenzene	13.498	105	934523	71.050	ug/l	93
86) p-Isopropyltoluene	13.610	119	649198	63.310	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	261794	49.574	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	253655	49.392	ug/l	94
89) n-Butylbenzene	13.939	91	817723	104.110	ug/l #	81
90) Hexachloroethane	14.210	117	372904	167.521	ug/l #	28
91) 1,2-Dichlorobenzene	13.986	146	255005	48.993	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	61220	64.155	ug/l	63
93) 1,2,4-Trichlorobenzene	15.257	180	148385	61.104	ug/l #	89
94) Hexachlorobutadiene	15.368	225	61902	44.382	ug/l	98
95) Naphthalene	15.498	128	6574896	747.010	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	143992	59.508	ug/l	93

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

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

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