

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074599.D
 Acq On : 19 Sep 2022 20:32
 Operator : JC\MD
 Sample : N4647-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1035-MW-02(23.8)MSD

Quant Time: Sep 20 04:22:20 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 :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	247391	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	478114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	445280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	194320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	230844	54.995	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.980%			
35) Dibromofluoromethane	7.945	113	171098	53.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.740%			
50) Toluene-d8	10.381	98	638251	51.963	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.920%			
62) 4-Bromofluorobenzene	12.669	95	221253	52.594	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.040	85	116537	43.283	ug/l	99
3) Chloromethane	2.263	50	277156	61.142	ug/l	100
4) Vinyl Chloride	2.405	62	316027	65.209	ug/l	96
5) Bromomethane	2.781	94	197291	77.193	ug/l	97
6) Chloroethane	2.946	64	228380	68.988	ug/l	89
7) Trichlorofluoromethane	3.299	101	369093	68.965	ug/l	100
8) Diethyl Ether	3.763	74	141160	51.721	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.134	101	163570	49.401	ug/l	88
10) Methyl Iodide	4.346	142	203777	52.171	ug/l	93
11) Tert butyl alcohol	5.293	59	357800	261.668	ug/l	99
12) 1,1-Dichloroethene	4.104	96	167720	51.408	ug/l	100
13) Acrolein	3.981	56	165198	330.826	ug/l	100
14) Allyl chloride	4.751	41	400885	51.527	ug/l #	92
15) Acrylonitrile	5.469	53	866744	282.146	ug/l	98
16) Acetone	4.216	43	844304	314.331	ug/l	96
17) Carbon Disulfide	4.446	76	405911	45.432	ug/l	96
18) Methyl Acetate	4.769	43	433077	51.911	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	723712	52.702	ug/l	99
20) Methylene Chloride	5.010	84	212111	51.724	ug/l #	80
21) trans-1,2-Dichloroethene	5.516	96	178531	49.887	ug/l	95
22) Diisopropyl ether	6.404	45	867620	55.536	ug/l #	94
23) Vinyl Acetate	6.351	43	3513462	254.982	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	406697	52.080	ug/l	95
25) 2-Butanone	7.257	43	1357577	304.414	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	219847	32.654	ug/l	90
27) cis-1,2-Dichloroethene	7.245	96	442248	96.544	ug/l	96
28) Bromochloromethane	7.587	49	126215	54.886	ug/l #	67
29) Tetrahydrofuran	7.610	42	884057	301.504	ug/l #	82
30) Chloroform	7.745	83	380171	52.745	ug/l	99
31) Cyclohexane	8.022	56	353133	47.396	ug/l #	84
32) 1,1,1-Trichloroethane	7.939	97	314930	49.818	ug/l	96
36) 1,1-Dichloropropene	8.151	75	268234	47.714	ug/l	97
37) Ethyl Acetate	7.340	43	467659	53.867	ug/l #	93
38) Carbon Tetrachloride	8.128	117	252949	48.734	ug/l	93
39) Methylcyclohexane	9.398	83	315078	47.134	ug/l	97
40) Benzene	8.392	78	869948	50.044	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	223969	53.360	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	314421	52.706	ug/l	96
43) Isopropyl Acetate	8.492	43	736334	54.146	ug/l #	90
44) Trichloroethene	9.151	130	352240	93.641	ug/l	87
45) 1,2-Dichloropropane	9.428	63	249855	52.298	ug/l	99
46) Dibromomethane	9.516	93	153330	51.244	ug/l #	82
47) Bromodichloromethane	9.698	83	305736	52.118	ug/l	98
48) Methyl methacrylate	9.498	41	332402	55.126	ug/l	83
49) 1,4-Dioxane	9.504	88	132311	1141.306	ug/l #	90
51) 4-Methyl-2-Pentanone	10.275	43	2671054	300.779	ug/l	88
52) Toluene	10.445	92	635268	62.319	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	328778	48.088	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	354229	48.414	ug/l #	87
55) 1,1,2-Trichloroethane	10.839	97	222142	51.447	ug/l	94
56) Ethyl methacrylate	10.704	69	403233	52.280	ug/l #	74
57) 1,3-Dichloropropane	10.986	76	398686	52.662	ug/l	99
59) 2-Hexanone	11.028	43	2073957	305.929	ug/l	86
60) Dibromochloromethane	11.180	129	212364	51.375	ug/l	98
61) 1,2-Dibromoethane	11.286	107	217651	51.887	ug/l	99
64) Tetrachloroethene	10.916	164	583125	190.823	ug/l	93
65) Chlorobenzene	11.710	112	527725	47.209	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.786	131	195538	48.145	ug/l	97
67) Ethyl Benzene	11.786	91	1048610	51.093	ug/l	97
68) m/p-Xylenes	11.892	106	873888	115.164	ug/l	96
69) o-Xylene	12.222	106	425358	54.978	ug/l	98
70) Styrene	12.239	104	625793	48.625	ug/l	97
71) Bromoform	12.398	173	150093	50.281	ug/l #	99
73) Isopropylbenzene	12.522	105	975567	49.031	ug/l	98
74) N-amyl acetate	12.333	43	598813	48.135	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.774	83	399655	50.123	ug/l	97
76) 1,2,3-Trichloropropane	12.827	75	351674m	58.796	ug/l	
77) Bromobenzene	12.804	156	197136	46.382	ug/l	68
78) n-propylbenzene	12.863	91	1151457	48.590	ug/l	94
79) 2-Chlorotoluene	12.951	91	678238	47.944	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	808084	49.822	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	120183	43.367	ug/l	94
82) 4-Chlorotoluene	13.045	91	664599	49.426	ug/l	94
83) tert-Butylbenzene	13.263	119	701274	47.508	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	847448	51.919	ug/l	96
85) sec-Butylbenzene	13.445	105	1000293	49.352	ug/l	96
86) p-Isopropyltoluene	13.557	119	779056	49.303	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	367161	47.009	ug/l	97
88) 1,4-Dichlorobenzene	13.639	146	372989	47.516	ug/l	98
89) n-Butylbenzene	13.886	91	700839	49.208	ug/l	96
90) Hexachloroethane	14.151	117	161545	46.987	ug/l	75
91) 1,2-Dichlorobenzene	13.927	146	387274	47.795	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	88094	50.035	ug/l	77
93) 1,2,4-Trichlorobenzene	15.198	180	183963	47.655	ug/l	99
94) Hexachlorobutadiene	15.304	225	72927	42.985	ug/l	98
95) Naphthalene	15.439	128	867140	52.066	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	189186	47.366	ug/l	99

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

