

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074449.D
 Acq On : 13 Sep 2022 21:47
 Operator : JC\MD
 Sample : N4492-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-09-1.5-11.5-083122MSD

Quant Time: Sep 14 08:07:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	187687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	349965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	327201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	163495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	156238	48.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.220%		
35) Dibromofluoromethane	7.951	113	111226	47.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	10.380	98	411758	44.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.460%		
62) 4-Bromofluorobenzene	12.674	95	156223	46.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	108171	44.472	ug/l	96
3) Chloromethane	2.263	50	161489	55.587	ug/l	90
4) Vinyl Chloride	2.404	62	257232	63.302	ug/l	100
5) Bromomethane	2.781	94	183327	64.562	ug/l	100
6) Chloroethane	2.940	64	170672m	69.568	ug/l	
7) Trichlorofluoromethane	3.299	101	257907	64.278	ug/l	95
8) Diethyl Ether	3.757	74	77113	45.548	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.128	101	150130	62.440	ug/l	96
10) Methyl Iodide	4.346	142	127751	45.963	ug/l	96
11) Tert butyl alcohol	5.293	59	187783	221.086	ug/l	100
12) 1,1-Dichloroethene	4.110	96	104147	44.514	ug/l	97
13) Acrolein	3.975	56	104478	185.180	ug/l	99
14) Allyl chloride	4.757	41	227030	44.237	ug/l	98
15) Acrylonitrile	5.475	53	489697	252.004	ug/l	98
16) Acetone	4.216	43	458058	261.283	ug/l	99
17) Carbon Disulfide	4.451	76	289760	45.569	ug/l	96
18) Methyl Acetate	4.769	43	230452	44.592	ug/l	100
19) Methyl tert-butyl Ether	5.522	73	446810	47.448	ug/l	99
20) Methylene Chloride	5.004	84	132835	51.693	ug/l	95
21) trans-1,2-Dichloroethene	5.504	96	117140	44.681	ug/l	97
22) Diisopropyl ether	6.410	45	504650	48.838	ug/l	97
23) Vinyl Acetate	6.345	43	2068422	224.296	ug/l	99
24) 1,1-Dichloroethane	6.298	63	247828	46.676	ug/l	99
25) 2-Butanone	7.257	43	774821	263.292	ug/l	98
26) 2,2-Dichloropropane	7.245	77	130571	27.184	ug/l	94
27) cis-1,2-Dichloroethene	7.245	96	200018	61.926	ug/l	98
28) Bromochloromethane	7.581	49	79502	49.948	ug/l	95
29) Tetrahydrofuran	7.610	42	517433	265.988	ug/l	96
30) Chloroform	7.745	83	262230	49.479	ug/l	100
31) Cyclohexane	8.022	56	236808	45.853	ug/l	100
32) 1,1,1-Trichloroethane	7.939	97	226096	47.554	ug/l	95
36) 1,1-Dichloropropene	8.151	75	185220	47.587	ug/l	100
37) Ethyl Acetate	7.339	43	271514	48.088	ug/l	97
38) Carbon Tetrachloride	8.133	117	189568	47.177	ug/l	92
39) Methylcyclohexane	9.392	83	223119	45.229	ug/l	95
40) Benzene	8.392	78	574059	48.171	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	150346	53.664	ug/l	95
42) 1,2-Dichloroethane	8.463	62	225250	49.442	ug/l	100
43) Isopropyl Acetate	8.498	43	433878	46.989	ug/l	99
44) Trichloroethene	9.157	130	127174	47.601	ug/l	83
45) 1,2-Dichloropropane	9.428	63	157642	49.831	ug/l	98
46) Dibromomethane	9.516	93	108584	50.130	ug/l	92
47) Bromodichloromethane	9.704	83	207172	47.984	ug/l	100
48) Methyl methacrylate	9.498	41	199133	48.934	ug/l	97
49) 1,4-Dioxane	9.510	88	79830	930.894	ug/l #	90
51) 4-Methyl-2-Pentanone	10.275	43	1611741	266.909	ug/l	97
52) Toluene	10.445	92	368684	50.025	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	210342	44.162	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	224936	44.300	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	147313	48.492	ug/l	99
56) Ethyl methacrylate	10.704	69	263063	50.964	ug/l	93
57) 1,3-Dichloropropane	10.986	76	266203	50.132	ug/l	100
59) 2-Hexanone	11.027	43	1285741	275.915	ug/l	97
60) Dibromochloromethane	11.180	129	153739	49.984	ug/l	99
61) 1,2-Dibromoethane	11.286	107	151839	48.583	ug/l	100
64) Tetrachloroethene	10.916	164	99654	44.927	ug/l	93
65) Chlorobenzene	11.710	112	371036	47.028	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.786	131	139805	45.363	ug/l	98
67) Ethyl Benzene	11.786	91	714761	47.964	ug/l	99
68) m/p-Xylenes	11.898	106	554012	98.893	ug/l	97
69) o-Xylene	12.221	106	271603	48.232	ug/l	100
70) Styrene	12.239	104	456309	50.969	ug/l	98
71) Bromoform	12.404	173	108704	47.090	ug/l #	99
73) Isopropylbenzene	12.521	105	717471	45.676	ug/l	98
74) N-amyl acetate	12.333	43	387284	48.401	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.774	83	276775	46.886	ug/l	97
76) 1,2,3-Trichloropropane	12.827	75	222555m	52.071	ug/l	
77) Bromobenzene	12.804	156	153947	45.652	ug/l	98
78) n-propylbenzene	12.863	91	860955	47.844	ug/l	98
79) 2-Chlorotoluene	12.951	91	508301	46.330	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	604066	46.352	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	72476	37.797	ug/l	89
82) 4-Chlorotoluene	13.045	91	488677	46.163	ug/l	100
83) tert-Butylbenzene	13.268	119	533010	45.429	ug/l	97
84) 1,2,4-Trimethylbenzene	13.316	105	619304	47.946	ug/l	99
85) sec-Butylbenzene	13.445	105	770944	48.285	ug/l	99
86) p-Isopropyltoluene	13.563	119	619873	48.503	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	293495	47.075	ug/l	97
88) 1,4-Dichlorobenzene	13.639	146	290069	46.056	ug/l	99
89) n-Butylbenzene	13.886	91	562375	51.711	ug/l	98
90) Hexachloroethane	14.151	117	116762	43.247	ug/l	92
91) 1,2-Dichlorobenzene	13.933	146	299636	45.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	64226	48.150	ug/l	99
93) 1,2,4-Trichlorobenzene	15.204	180	145394	44.500	ug/l	98
94) Hexachlorobutadiene	15.310	225	61909	41.806	ug/l	97
95) Naphthalene	15.439	128	593461	46.427	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	146367	43.290	ug/l	98

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

