

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047777.D
 Acq On : 31 Mar 2022 17:01
 Operator : SY/MD
 Sample : MDL01 2.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01 2.5ppb

Quant Time: Apr 01 02:45:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 01 02:44:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	312990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	468093	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	453183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	252146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184206	54.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.720%			
35) Dibromofluoromethane	5.292	113	165225	52.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.260%			
50) Toluene-d8	7.900	98	579203	51.214	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.420%			
62) 4-Bromofluorobenzene	10.633	95	213049	48.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	8172	2.333	ug/l	94
3) Chloromethane	1.524	50	9670	2.475	ug/l	97
4) Vinyl Chloride	1.607	62	9065	2.472	ug/l	95
5) Bromomethane	1.861	94	6827	2.827	ug/l	92
6) Chloroethane	1.938	64	6217	2.590	ug/l	93
7) Trichlorofluoromethane	2.141	101	13379	2.608	ug/l	97
8) Diethyl Ether	2.379	74	5162	2.628	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.585	101	8267	2.694	ug/l	96
10) Methyl Iodide	2.726	142	6466	2.187	ug/l	99
11) Tert butyl alcohol	3.257	59	13581m	14.434	ug/l	
12) 1,1-Dichloroethene	2.585	96	7679	2.565	ug/l	97
13) Acrolein	2.498	56	7521	15.870	ug/l	100
14) Allyl chloride	2.932	41	11095	2.607	ug/l	97
15) Acrylonitrile	3.331	53	29808	13.206	ug/l	97
16) Acetone	2.652	43	27944	11.414	ug/l	94
17) Carbon Disulfide	2.797	76	22674	2.571	ug/l	97
18) Methyl Acetate	2.961	43	12478	2.724	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	24344	2.580	ug/l	97
20) Methylene Chloride	3.051	84	10171	2.797	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	8730	2.674	ug/l	97
22) Diisopropyl ether	3.996	45	21786	2.574	ug/l	98
23) Vinyl Acetate	3.964	43	89667	11.679	ug/l	100
24) 1,1-Dichloroethane	3.874	63	14810	2.661	ug/l	99
25) 2-Butanone	4.723	43	37949	12.309	ug/l	99
26) 2,2-Dichloropropane	4.668	77	12566	2.547	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	9522	2.569	ug/l	96
28) Bromochloromethane	4.980	49	4990	2.506	ug/l #	96
29) Tetrahydrofuran	5.067	42	24627	12.907	ug/l	99
30) Chloroform	5.093	83	15958	2.661	ug/l	100
31) Cyclohexane	5.385	56	17733	3.542	ug/l #	68
32) 1,1,1-Trichloroethane	5.321	97	14135	2.733	ug/l	95
36) 1,1-Dichloropropene	5.533	75	11367	2.565	ug/l	99
37) Ethyl Acetate	4.819	43	15003	2.514	ug/l	97
38) Carbon Tetrachloride	5.523	117	12154	2.571	ug/l	97
39) Methylcyclohexane	6.765	83	12889	2.379	ug/l	95
40) Benzene	5.777	78	34861	2.647	ug/l	99

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41) Methacrylonitrile	4.983	41	6711	2.491	ug/l	94
42) 1,2-Dichloroethane	5.797	62	12867	2.806	ug/l	98
43) Isopropyl Acetate	5.919	43	19271	2.573	ug/l	98
44) Trichloroethene	6.543	130	9832	2.575	ug/l	94
45) 1,2-Dichloropropane	6.793	63	8863	2.672	ug/l	97
46) Dibromomethane	6.922	93	7060	2.695	ug/l	97
47) Bromodichloromethane	7.109	83	12209	2.532	ug/l	99
48) Methyl methacrylate	6.961	41	8390	2.447	ug/l	98
49) 1,4-Dioxane	7.041	88	5429	51.829	ug/l #	47
51) 4-Methyl-2-Pentanone	7.797	43	66811	12.186	ug/l	99
52) Toluene	7.970	92	22365	2.655	ug/l	99
53) t-1,3-Dichloropropene	8.215	75	12808	2.383	ug/l #	87
54) cis-1,3-Dichloropropene	7.607	75	13105	2.374	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	9262	2.570	ug/l	95
56) Ethyl methacrylate	8.337	69	12343	2.386	ug/l	97
57) 1,3-Dichloropropane	8.578	76	15266	2.604	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.469	63	3362	9.112	ug/l	97
59) 2-Hexanone	8.690	43	54740	12.175	ug/l	96
60) Dibromochloromethane	8.813	129	10332	2.497	ug/l	99
61) 1,2-Dibromoethane	8.925	107	10507	2.568	ug/l	100
64) Tetrachloroethene	8.555	164	8486	2.532	ug/l	96
65) Chlorobenzene	9.449	112	25064	2.594	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.533	131	9124	2.563	ug/l	95
67) Ethyl Benzene	9.571	91	38981	2.463	ug/l	99
68) m/p-Xylenes	9.694	106	30120	4.841	ug/l	99
69) o-Xylene	10.102	106	14491	2.432	ug/l	97
70) Styrene	10.115	104	22031	2.226	ug/l	97
71) Bromoform	10.292	173	8850	2.432	ug/l #	96
73) Isopropylbenzene	10.485	105	36306	2.462	ug/l	98
74) N-amyl acetate	10.324	43	13805	2.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	16916	2.747	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	17750	2.515	ug/l	93
77) Bromobenzene	10.784	156	11921	2.813	ug/l	98
78) n-propylbenzene	10.906	91	44735	2.539	ug/l	100
79) 2-Chlorotoluene	10.986	91	28011	2.646	ug/l	97
80) 1,3,5-Trimethylbenzene	11.089	105	31145	2.505	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.549	75	4571	2.305	ug/l	96
82) 4-Chlorotoluene	11.099	91	31383	2.552	ug/l	99
83) tert-Butylbenzene	11.420	119	31022	2.427	ug/l	98
84) 1,2,4-Trimethylbenzene	11.469	105	30879	2.499	ug/l	97
85) sec-Butylbenzene	11.642	105	37278	2.389	ug/l	98
86) p-Isopropyltoluene	11.793	119	30521	2.282	ug/l	95
87) 1,3-Dichlorobenzene	11.745	146	22390	2.654	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	23114	2.675	ug/l	89
89) n-Butylbenzene	12.208	91	29662	2.373	ug/l	97
90) Hexachloroethane	12.475	117	6665	2.463	ug/l	94
91) 1,2-Dichlorobenzene	12.214	146	21435	2.614	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	4108	2.678	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	14661	2.522	ug/l	99
94) Hexachlorobutadiene	14.021	225	7321	2.496	ug/l	97
95) Naphthalene	14.089	128	40912	2.362	ug/l	98
96) 1,2,3-Trichlorobenzene	14.330	180	14180	2.501	ug/l	98

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

