

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047778.D
 Acq On : 31 Mar 2022 17:23
 Operator : SY/MD
 Sample : MDL02 2.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 2.5ppb

Quant Time: Apr 01 02:45:53 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	235882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	352796	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	344329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	186950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	122403	48.370	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.740%		
35) Dibromofluoromethane	5.292	113	108088	45.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.360%		
50) Toluene-d8	7.899	98	373179	43.781	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.560%#		
62) 4-Bromofluorobenzene	10.632	95	135478	40.812	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.620%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	2953	1.118	ug/l	100
3) Chloromethane	1.523	50	4054	1.377	ug/l	93
4) Vinyl Chloride	1.607	62	3534	1.279	ug/l	100
5) Bromomethane	1.861	94	2659	1.461	ug/l	99
6) Chloroethane	1.938	64	2936	1.623	ug/l	99
7) Trichlorofluoromethane	2.144	101	5358	1.386	ug/l	95
8) Diethyl Ether	2.379	74	2056	1.389	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.588	101	3075	1.330	ug/l	98
10) Methyl Iodide	2.729	142	2512	1.127	ug/l	91
11) Tert butyl alcohol	3.243	59	4840m	6.826	ug/l	
12) 1,1-Dichloroethene	2.581	96	2918	1.293	ug/l	94
13) Acrolein	2.497	56	3748	10.494	ug/l	91
14) Allyl chloride	2.932	41	4471	1.394	ug/l	97
15) Acrylonitrile	3.330	53	10978	6.453	ug/l	98
16) Acetone	2.652	43	11487	6.226	ug/l	91
17) Carbon Disulfide	2.800	76	9304	1.400	ug/l	97
18) Methyl Acetate	2.964	43	4551	1.318	ug/l	96
19) Methyl tert-butyl Ether	3.366	73	8922	1.254	ug/l	97</

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41) Methacrylonitrile	4.986	41	2109	1.038	ug/l #	88
42) 1,2-Dichloroethane	5.793	62	4902	1.418	ug/l	89
43) Isopropyl Acetate	5.919	43	6554	1.161	ug/l	96
44) Trichloroethene	6.549	130	3767	1.309	ug/l	97
45) 1,2-Dichloropropane	6.793	63	3364	1.346	ug/l	100
46) Dibromomethane	6.925	93	2561	1.297	ug/l	98
47) Bromodichloromethane	7.108	83	4520	1.244	ug/l #	99
48) Methyl methacrylate	6.964	41	3058	1.183	ug/l	95
49) 1,4-Dioxane	7.031	88	2036m	25.789	ug/l	
51) 4-Methyl-2-Pentanone	7.796	43	24670	5.970	ug/l	99
52) Toluene	7.970	92	8028	1.264	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	4989	1.232	ug/l #	78
54) cis-1,3-Dichloropropene	7.610	75	4842	1.164	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	3537	1.302	ug/l	97
56) Ethyl methacrylate	8.340	69	4612	1.183	ug/l	97
57) 1,3-Dichloropropane	8.578	76	5556	1.257	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.468	63	748	2.690	ug/l #	62
59) 2-Hexanone	8.690	43	21282	6.280	ug/l	95
60) Dibromochloromethane	8.809	129	3709	1.189	ug/l	100
61) 1,2-Dibromoethane	8.925	107	3835	1.244	ug/l	97
64) Tetrachloroethene	8.555	164	3268	1.283	ug/l #	85
65) Chlorobenzene	9.449	112	9227	1.257	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.536	131	3380	1.250	ug/l #	65
67) Ethyl Benzene	9.571	91	14555	1.211	ug/l	95
68) m/p-Xylenes	9.693	106	10793	2.283	ug/l	97
69) o-Xylene	10.102	106	5213	1.151	ug/l	94
70) Styrene	10.115	104	8098	1.077	ug/l	98
71) Bromoform	10.291	173	3258	1.179	ug/l #	97
73) Isopropylbenzene	10.484	105	12965	1.186	ug/l	97
74) N-amyl acetate	10.327	43	4901	1.134	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	6880	1.507	ug/l	95
76) 1,2,3-Trichloropropane	10.825	75	7445	1.423	ug/l	100
77) Bromobenzene	10.783	156	4468	1.422	ug/l	97
78) n-propylbenzene	10.906	91	16492	1.263	ug/l	99
79) 2-Chlorotoluene	10.986	91	10104	1.287	ug/l	95
80) 1,3,5-Trimethylbenzene	11.089	105	11108	1.205	ug/l	98

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

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