

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053616.D
 Acq On : 10 Apr 2023 15:39
 Operator : JC/MD
 Sample : 02251-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD1

Quant Time: Apr 11 02:22:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	258680	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	239747	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118075	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85072	42.235	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.480%	
7) Chloroethane-d5	1.909	69	73579	47.378	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.760%	
11) 1,1-Dichloroethene-d2	2.565	63	99847	32.023	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.040%	
21) 2-Butanone-d5	4.613	46	103131	113.087	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	113.090%	
24) Chloroform-d	5.057	84	144460	43.366	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.740%	
26) 1,2-Dichloroethane-d4	5.697	65	96019	48.780	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.560%	
32) Benzene-d6	5.723	84	299455	46.273	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.540%	
36) 1,2-Dichloropropane-d6	6.684	67	95782	48.423	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.840%	
41) Toluene-d8	7.893	98	276308	42.958	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.920%	
43) trans-1,3-Dichloroprop...	8.176	79	45042	44.114	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.220%	
47) 2-Hexanone-d5	8.626	63	76789	113.749	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	113.750%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	138680	49.743	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.480%	
66) 1,2-Dichlorobenzene-d4	12.189	152	108225	43.911	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.820%	
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	251888	40.325	ug/L	100
51) Chlorobenzene	9.443	112	371206	76.109	ug/L	95
64) 1,3-Dichlorobenzene	11.742	146	18417	5.049	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	195935	52.703	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	123888	34.077	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	13137	5.246	ug/L	93

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

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