

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053630.D
 Acq On : 11 Apr 2023 13:12
 Operator : JC/MD
 Sample : 02251-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD1

Quant Time: Apr 12 02:23:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	242199	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	226328	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72209	38.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.580%
7) Chloroethane-d5	1.909	69	63724	43.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.640%
11) 1,1-Dichloroethene-d2	2.565	63	87175	29.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.720%#
21) 2-Butanone-d5	4.613	46	90399	105.871	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.870%
24) Chloroform-d	5.057	84	134964	43.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.540%
26) 1,2-Dichloroethane-d4	5.697	65	85501	46.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
32) Benzene-d6	5.723	84	268893	44.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.020%
36) 1,2-Dichloropropane-d6	6.684	67	86563	46.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.720%
41) Toluene-d8	7.893	98	246731	40.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.260%
43) trans-1,3-Dichloroprop...	8.173	79	40368	41.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.760%
47) 2-Hexanone-d5	8.626	63	67892	106.533	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.530%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	127192	48.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.660%
66) 1,2-Dichlorobenzene-d4	12.189	152	101601	42.609	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.220%
Target Compounds						
					Qvalue	
33) Benzene	5.768	78	14221	2.412	ug/L	100
51) Chlorobenzene	9.443	112	49818	10.820	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	11098	3.145	ug/L	90
65) 1,4-Dichlorobenzene	11.832	146	57741	16.053	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	51115	14.533	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	4998	2.063	ug/L	98

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

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