

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053453.D
 Acq On : 28 Mar 2023 23:19
 Operator : JC/MD
 Sample : 02037-02DL 250X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45E5DL

Quant Time: Mar 29 04:18:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 02:16:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	200414	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	186212	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78302	42.350	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.700%		
7) Chloroethane-d5	1.912	69	65587	43.854	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.700%		
11) 1,1-Dichloroethene-d2	2.565	63	102910	32.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.260%		
21) 2-Butanone-d5	4.626	46	105716	123.278	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.280%		
24) Chloroform-d	5.057	84	136099	44.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.380%		
26) 1,2-Dichloroethane-d4	5.697	65	89481	47.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
32) Benzene-d6	5.722	84	272224	45.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
36) 1,2-Dichloropropane-d6	6.684	67	93275	47.850	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.700%		
41) Toluene-d8	7.893	98	245579	43.672	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.340%		
43) trans-1,3-Dichloroprop...	8.173	79	41259	42.899	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.800%		
47) 2-Hexanone-d5	8.629	63	57999	95.169	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.170%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	124648	49.361	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.720%		
66) 1,2-Dichlorobenzene-d4	12.188	152	90877	52.150	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.300%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	6414	3.042	ug/L	# 65
17) trans-1,2-Dichloroethene	3.350	96	3886	2.602	ug/L	92
20) cis-1,2-Dichloroethene	4.661	96	687065	391.705	ug/L	98
34) Trichloroethene	6.536	95	3410	2.026	ug/L	91
46) Tetrachloroethene	8.549	164	6549	5.980	ug/L	92

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

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