

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053435.D
 Acq On : 28 Mar 2023 15:53
 Operator : JC/MD
 Sample : 02037-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45E7

Quant Time: Mar 29 01:12:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 01:10:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	215239	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	201986	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90626	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67481	33.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.960%
7) Chloroethane-d5	1.912	69	60289	37.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.080%
11) 1,1-Dichloroethene-d2	2.565	63	87767	25.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.020%#
21) 2-Butanone-d5	4.623	46	105096	114.114	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.110%
24) Chloroform-d	5.057	84	127086	38.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.720%
26) 1,2-Dichloroethane-d4	5.697	65	85292	41.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.980%
32) Benzene-d6	5.723	84	252748	38.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.160%
36) 1,2-Dichloropropane-d6	6.687	67	88856	42.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.040%
41) Toluene-d8	7.893	98	225338	36.943	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.880%#
43) trans-1,3-Dichloroprop...	8.176	79	30842	29.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.120%#
47) 2-Hexanone-d5	8.629	63	55518	83.983	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.980%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	122843	44.848	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.700%
66) 1,2-Dichlorobenzene-d4	12.188	152	81522	46.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.920%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.443	112	10471	2.232	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	7793	2.585	ug/L	90
67) 1,2-Dichlorobenzene	12.208	146	8975	2.990	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	4146	2.423	ug/L #	90

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

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