

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011020\
 Data File : VU036428.D
 Acq On : 10 Jan 2020 14:21
 Operator : JC/MD
 Sample : L1042-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRB2

Quant Time: Jan 13 09:09:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 10 22:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	433845	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	421758	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	161174	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	185188	54.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.56%
7) Chloroethane-d5	1.93	69	153893	53.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.94%
11) 1,1-Dichloroethene-d2	2.59	63	259684	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
21) 2-Butanone-d5	4.68	46	271981	108.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.04%
24) Chloroform-d	5.11	84	321657	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.04%
26) 1,2-Dichloroethane-d4	5.75	65	224285	57.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.66%
32) Benzene-d6	5.77	84	646277	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.08%
36) 1,2-Dichloropropane-d6	6.73	67	211054	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.20%
41) Toluene-d8	7.93	98	602519	53.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.92%
43) trans-1,3-Dichloropropene-	8.21	79	107996	50.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.08%
47) 2-Hexanone-d5	8.67	63	212910	104.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.83%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	304072	50.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.82%
64) 1,2-Dichlorobenzene-d4	12.22	152	178401	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

					Ovalue
13) Acetone	2.66	43	14640	5.607 ug/L	99
19) 1,1-Dichloroethane	3.92	63	39737	7.314 ug/L	95
30) 1,1,1-Trichloroethane	5.36	97	14675	2.839 ug/L #	89
46) Tetrachloroethene	8.58	164	3961	1.724 ug/L	91
53) m,p-Xylene	9.72	106	5422	0.941 ug/L	73

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

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