

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042219\
 Data File : VU031386.D
 Acq On : 22 Apr 2019 12:05
 Operator : JC/SP
 Sample : K2428-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X13

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 11:04:13 AM

Quant Time: Apr 23 01:18:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	536413	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218835	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	184092	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.54%
7) Chloroethane-d5	1.68	69	156771	36.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.10%
11) 1,1-Dichloroethene-d2	2.27	63	269825	27.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.14%#
21) 2-Butanone-d5	4.19	46	295031	82.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.00%
24) Chloroform-d	4.64	84	267050	32.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.80%#
26) 1,2-Dichloroethane-d4	5.31	65	171149	33.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.44%#
32) Benzene-d6	5.34	84	560710	38.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.34%
36) 1,2-Dichloropropane-d6	6.33	67	183473	38.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.98%
41) Toluene-d8	7.56	98	535168	41.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.90%
43) trans-1,3-Dichloropropene-	7.85	79	88671	39.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.84%
47) 2-Hexanone-d5	8.31	63	232307	104.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281066	43.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	190139	37.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.78%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	625986	76.604	ug/L	98
13) Acetone	2.35	43	6128	2.213	ug/L	87
17) trans-1,2-Dichloroethene	2.98	96	3770	0.987	ug/L	84
20) cis-1,2-Dichloroethene	4.23	96	43481	9.781	ug/L	83
31) Carbon tetrachloride	5.13	117	10617	2.022	ug/L	94
33) Benzene	5.39	78	10038	0.651	ug/L	100
34) Trichloroethene	6.18	95	22997047m	5958.350	ug/L	
45) 1,1,2-Trichloroethane	8.07	97	6401	1.741	ug/L #	87
46) Tetrachloroethene	8.22	164	815073	280.770	ug/L	98

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

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