

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042219\
 Data File : VU031388.D
 Acq On : 22 Apr 2019 12:51
 Operator : JC/SP
 Sample : K2428-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X16

Quant Time: Apr 23 01:35:54 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	625004	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466712	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	184421	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.08%
7) Chloroethane-d5	1.68	69	159746	31.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.94%#
11) 1,1-Dichloroethene-d2	2.27	63	273277	23.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.94%#
21) 2-Butanone-d5	4.19	46	377817	90.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.13%
24) Chloroform-d	4.64	84	330462	34.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.82%#
26) 1,2-Dichloroethane-d4	5.31	65	198107	33.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.00%#
32) Benzene-d6	5.34	84	683489	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
36) 1,2-Dichloropropane-d6	6.33	67	228396	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.40%
41) Toluene-d8	7.56	98	469455	36.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.32%#
43) trans-1,3-Dichloropropene-	7.85	79	76816	33.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.12%
47) 2-Hexanone-d5	8.31	63	206118	91.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	270163	40.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	198561	38.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.90%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	744428	78.185	ug/L	98
13) Acetone	2.35	43	6592	2.043	ug/L	60
17) trans-1,2-Dichloroethene	2.98	96	4222	0.949	ug/L	81
20) cis-1,2-Dichloroethene	4.22	96	33581	6.483	ug/L	91
31) Carbon tetrachloride	5.13	117	15741	2.946	ug/L	92
34) Trichloroethene	6.18	95	14614708	3720.966	ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	4338	1.159	ug/L	96
46) Tetrachloroethene	8.22	164	1312398	444.254	ug/L	97
51) Chlorobenzene	9.12	112	5058	0.518	ug/L	89

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

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