

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031605.D
 Acq On : 29 Apr 2019 23:17
 Operator : JC/SP
 Sample : K2592-18 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X84

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:44:39 AM

Quant Time: Apr 30 05:12:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	629344	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	605872	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	338469	64.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.52%
7) Chloroethane-d5	1.68	69	245110	60.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.44%
11) 1,1-Dichloroethene-d2	2.27	63	469052	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
21) 2-Butanone-d5	4.18	46	531181	111.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.31%
24) Chloroform-d	4.64	84	507212m	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
26) 1,2-Dichloroethane-d4	5.31	65	353365	56.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.14%
32) Benzene-d6	5.34	84	1010841	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.66%
36) 1,2-Dichloropropane-d6	6.32	67	355537	54.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.64%
41) Toluene-d8	7.56	98	825867	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%
43) trans-1,3-Dichloropropene-	7.85	79	137183	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.64%
47) 2-Hexanone-d5	8.31	63	294384	103.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	443101	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	246904	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	24502	2.746 ug/L	100
13) Acetone	2.33	43	19200	3.572 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	3860	0.703 ug/L	83
34) Trichloroethene	6.18	95	845792	156.638 ug/L	96
46) Tetrachloroethene	8.22	164	31261	8.492 ug/L	97

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

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