

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026875.D
 Acq On : 18 Sep 2018 20:17
 Operator : MD/SY
 Sample : J4896-02 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08P1

Quant Time: Sep 19 07:49:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 07:38:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	221256	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	211037	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53759	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.70%
7) Chloroethane-d5	1.68	69	53950	38.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.02%
11) 1,1-Dichloroethene-d2	2.27	63	83026	26.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.62%#
21) 2-Butanone-d5	4.18	46	125673	115.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.71%
24) Chloroform-d	4.65	84	131514	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.31	65	87659	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
32) Benzene-d6	5.34	84	248714	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
36) 1,2-Dichloropropane-d6	6.33	67	88727	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.12%
41) Toluene-d8	7.57	98	198804	37.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.42%#
43) trans-1,3-Dichloropropene-	7.85	79	34841	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.90%
47) 2-Hexanone-d5	8.31	63	84614	112.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131705	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	93238	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

Target Compounds

					Ovalue
51) Chlorobenzene	9.12	112	48554	10.807 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	11924	4.318 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	54784	18.017 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	315341	103.135 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	30366	16.491 ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	6187	3.051 ug/L	96

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

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