

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026947.D
 Acq On : 20 Sep 2018 20:46
 Operator : MD/SY
 Sample : J5012-04 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K7

Manual Integrations
 APPROVED

sam
 9/21/2018 6:25:54 PM

Quant Time: Sep 21 06:39:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	269765	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	255893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	129019	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88970	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.67	69	77857	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.16%
11) 1,1-Dichloroethene-d2	2.27	63	126596	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.18	46	142677	107.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.74%
24) Chloroform-d	4.65	84	159414	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.14%
26) 1,2-Dichloroethane-d4	5.31	65	103078	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
32) Benzene-d6	5.34	84	327872	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
36) 1,2-Dichloropropane-d6	6.33	67	107472	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.57	98	283269	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.85	79	45577	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.36%
47) 2-Hexanone-d5	8.31	63	103462	113.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	147544	45.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	128899m	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%

Target Compounds

					Ovalue
31) Carbon tetrachloride	5.14	117	5919	2.170 ug/L	94
33) Benzene	5.39	78	1465642	184.737 ug/L	100
51) Chlorobenzene	9.12	112	3016739	553.763 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	207649	52.795 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1425743	329.205 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1712553	393.240 ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	166803	63.598 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	60687	21.012 ug/L	97

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

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