

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026876.D
 Acq On : 18 Sep 2018 20:40
 Operator : MD/SY
 Sample : J4896-09 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L4

Quant Time: Sep 19 07:52:42 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	221577	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213698	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90612	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56478	34.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.92%
7) Chloroethane-d5	1.67	69	54943	39.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.32%
11) 1,1-Dichloroethene-d2	2.27	63	84255	27.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.34%#
21) 2-Butanone-d5	4.18	46	126860	116.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.63%
24) Chloroform-d	4.65	84	134002	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
26) 1,2-Dichloroethane-d4	5.31	65	89280	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
32) Benzene-d6	5.34	84	253364	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.62%
36) 1,2-Dichloropropane-d6	6.33	67	88976	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.22%
41) Toluene-d8	7.57	98	201496	37.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.48%#
43) trans-1,3-Dichloropropene-	7.85	79	35403	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.18%
47) 2-Hexanone-d5	8.31	63	85405	112.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132115	49.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	93412	49.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.39	78	43232	6.525	ug/L	100
51) Chlorobenzene	9.12	112	56039	12.318	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	5816	2.106	ug/L	93
63) 1,4-Dichlorobenzene	11.51	146	61168	20.110	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	226503	74.055	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	18678	10.140	ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	8062	3.974	ug/L	96

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

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