

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
 Data File : VU026874.D
 Acq On : 18 Sep 2018 19:53
 Operator : MD/SY
 Sample : J4896-11DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08M4DL

Quant Time: Sep 19 07:47:37 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	231882	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	220125	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96722	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59074	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.88%
7) Chloroethane-d5	1.67	69	57767	39.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.70%
11) 1,1-Dichloroethene-d2	2.27	63	89622	27.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.22%#
21) 2-Butanone-d5	4.18	46	129151	113.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	4.65	84	137011	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.12%
26) 1,2-Dichloroethane-d4	5.31	65	91587	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
32) Benzene-d6	5.34	84	262578	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.12%
36) 1,2-Dichloropropane-d6	6.33	67	92438	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.57	98	214844	38.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.10%#
43) trans-1,3-Dichloropropene-	7.85	79	37097	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.60%
47) 2-Hexanone-d5	8.31	63	87582	112.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	136213	49.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	97795	48.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.39	78	17338	2.540	ug/L	100
51) Chlorobenzene	9.12	112	180796	38.580	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	28852	9.785	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	124682	38.402	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	30767	9.424	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	11056	5.623	ug/L	99
70) 1,2,3-Trichlorobenzene	14.00	180	1423	0.657	ug/L #	89

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

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