

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026962.D
 Acq On : 21 Sep 2018 02:47
 Operator : MD/SY
 Sample : J5012-19 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Q8

Quant Time: Sep 21 07:02:55 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	197356	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71713	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75653	51.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.64%
7) Chloroethane-d5	1.67	69	70541	56.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.90%
11) 1,1-Dichloroethene-d2	2.27	63	98145	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	4.18	46	137627	142.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	142.06%#
24) Chloroform-d	4.65	84	145810	53.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.68%
26) 1,2-Dichloroethane-d4	5.31	65	99263	58.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.42%
32) Benzene-d6	5.34	84	277339	55.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.70%
36) 1,2-Dichloropropane-d6	6.33	67	97572	60.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.88%#
41) Toluene-d8	7.57	98	212924	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%
43) trans-1,3-Dichloropropene-	7.85	79	38550	53.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.96%
47) 2-Hexanone-d5	8.31	63	95502	150.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	150.51%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140811	62.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	125.10%#
64) 1,2-Dichlorobenzene-d4	11.86	152	92390	61.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.86%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.67	83	8673	3.150	ug/L	100
33) Benzene	5.39	78	333253	60.118	ug/L	100
51) Chlorobenzene	9.12	112	288814	75.877	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	35595	16.282	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	183889	76.390	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	322374	133.177	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	17406	11.940	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	9618	5.991	ug/L	98

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

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