

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071718\
 Data File : VU025471.D
 Acq On : 17 Jul 2018 21:20
 Operator : MD/SY
 Sample : J4024-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1P0

Quant Time: Jul 18 07:03:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 06:47:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	338766	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	304582	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	144633	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72917	45.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.28%
7) Chloroethane-d5	1.68	69	67344	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.96%
11) 1,1-Dichloroethene-d2	2.28	63	127153	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.50%
21) 2-Butanone-d5	4.18	46	153822	90.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.49%
24) Chloroform-d	4.65	84	190785	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.31	65	135523	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.35	84	368485	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
36) 1,2-Dichloropropane-d6	6.34	67	122585	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.58%
41) Toluene-d8	7.57	98	344360	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%
43) trans-1,3-Dichloropropene-	7.85	79	58582	46.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.34%
47) 2-Hexanone-d5	8.31	63	112589	89.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.09%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168479	46.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	143687	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4143	2.09	ug/L	# 76
13) Acetone	2.32	43	7567	5.10	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	6257	2.35	ug/L	93
25) Chloroform	4.68	83	25489	5.58	ug/L	95
35) Methylcyclohexane	6.42	83	16263	4.49	ug/L	97
52) Ethylbenzene	9.25	91	121585	11.34	ug/L	99
53) m,p-Xylene	9.38	106	132180	32.15	ug/L	98
54) o-xylene	9.78	106	22203	5.35	ug/L	94
58) 1,1,2,2-Tetrachloroethane	10.46	83	16090	3.97	ug/L	94

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

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