

Data File : VU026829.D
Acq On : 17 Sep 2018 18:36
Operator : MD/SY
Sample : J4864-03 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0D09

Quant Time: Sep 18 01:47:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	249190	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	235361	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86883	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.26%
7) Chloroethane-d5	1.68	69	75015	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.08%
11) 1,1-Dichloroethene-d2	2.27	63	125969	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	4.18	46	130612	106.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.77%
24) Chloroform-d	4.65	84	162964	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.31	65	105260	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
32) Benzene-d6	5.34	84	335968	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
36) 1,2-Dichloropropane-d6	6.33	67	109236	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.80%
41) Toluene-d8	7.57	98	284320	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%
43) trans-1,3-Dichloropropene-	7.85	79	45082	47.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.02%
47) 2-Hexanone-d5	8.31	63	91112	109.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144823	48.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	107041	53.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.52%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	21699	9.282 ug/L	96
12) 1,1-Dichloroethene	2.28	96	2585	1.600 ug/L #	1
16) Methylene chloride	2.70	84	11415	5.557 ug/L	95
19) 1,1-Dichloroethane	3.45	63	11619	3.385 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	116021	59.272 ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	12122	4.329 ug/L	98
34) Trichloroethene	6.19	95	14011	8.002 ug/L	99
52) Ethylbenzene	9.25	91	3638	0.470 ug/L	97
53) m,p-Xylene	9.38	106	3760	1.264 ug/L	87

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

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