

Data File : VU026833.D
Acq On : 17 Sep 2018 20:09
Operator : MD/SY
Sample : J4864-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0D09

Quant Time: Sep 18 01:56:55 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	245399	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82967	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	74009	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.26%
11) 1,1-Dichloroethene-d2	2.27	63	123861	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	4.18	46	128095	106.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.33%
24) Chloroform-d	4.65	84	160058	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
26) 1,2-Dichloroethane-d4	5.31	65	104449	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
32) Benzene-d6	5.34	84	331243	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
36) 1,2-Dichloropropane-d6	6.33	67	107047	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.96%
41) Toluene-d8	7.57	98	277925	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%
43) trans-1,3-Dichloropropene-	7.85	79	44581	48.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.04%
47) 2-Hexanone-d5	8.31	63	90205	110.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142437	49.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	108316	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	40540	17.609 ug/L	96
8) Chloroethane	1.70	64	1025	0.710 ug/L	94
12) 1,1-Dichloroethene	2.28	96	4139	2.601 ug/L #	1
16) Methylene chloride	2.70	84	23711	11.721 ug/L	99
19) 1,1-Dichloroethane	3.45	63	22422	6.633 ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	229380	118.994 ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	23706	8.654 ug/L	98
34) Trichloroethene	6.19	95	26921	15.715 ug/L	98
42) Toluene	7.64	91	2695	0.373 ug/L	91
52) Ethylbenzene	9.25	91	6193	0.818 ug/L	99
53) m,p-Xylene	9.38	106	6484	2.229 ug/L	90
54) o-xylene	9.78	106	2777	0.980 ug/L	98

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

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