

Data File : VU026832.D
Acq On : 17 Sep 2018 19:45
Operator : MD/SY
Sample : J4864-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0D08

Quant Time: Sep 18 01:54:46 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	244385	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230577	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94243	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83235	46.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.08%
7) Chloroethane-d5	1.68	69	74839	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.74%
11) 1,1-Dichloroethene-d2	2.27	63	124796	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.96%
21) 2-Butanone-d5	4.18	46	126851	105.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.74%
24) Chloroform-d	4.65	84	163231	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
26) 1,2-Dichloroethane-d4	5.31	65	106507	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
32) Benzene-d6	5.34	84	330558	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
36) 1,2-Dichloropropane-d6	6.33	67	108464	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.18%
41) Toluene-d8	7.57	98	280794	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	45202	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.26%
47) 2-Hexanone-d5	8.31	63	89111	108.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144781	49.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	108237	55.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.42%

Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	40815	17.802 ug/L	96
8) Chloroethane	1.70	64	1129	0.786 ug/L	93
12) 1,1-Dichloroethene	2.28	96	4548	2.870 ug/L #	1
16) Methylene chloride	2.70	84	22525	11.181 ug/L	100
19) 1,1-Dichloroethane	3.45	63	23554	6.997 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	234124	121.959 ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	24305	8.860 ug/L	99
34) Trichloroethene	6.19	95	27687	16.140 ug/L	98
42) Toluene	7.64	91	2895	0.400 ug/L	94
52) Ethylbenzene	9.25	91	6542	0.863 ug/L	98
53) m,p-Xylene	9.38	106	6943	2.383 ug/L	93
54) o-xylene	9.78	106	2611	0.920 ug/L	97

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

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