

Data File : VU030838.D
Acq On : 07 Apr 2019 06:05
Operator : JC/SP
Sample : K2249-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 08 09:10:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473941	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	185043	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	215649	50.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.94%
7) Chloroethane-d5	1.68	69	166906	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.96%
11) 1,1-Dichloroethene-d2	2.27	63	328899	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
21) 2-Butanone-d5	4.17	46	320096	95.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.46%
24) Chloroform-d	4.64	84	286434	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	5.30	65	222048	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.70%
32) Benzene-d6	5.33	84	665153	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.32	67	227952	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	7.56	98	557596	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%
43) trans-1,3-Dichloropropene-	7.85	79	84666	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
47) 2-Hexanone-d5	8.31	63	191416	90.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299587	47.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	189090	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	553721	106.228	ug/L	96
8) Chloroethane	1.69	64	551097	185.366	ug/L	98
12) 1,1-Dichloroethene	2.28	96	73997m	22.587	ug/L	
13) Acetone	2.32	43	13000	3.789	ug/L	92
16) Methylene chloride	2.70	84	2881	0.724	ug/L	84
17) trans-1,2-Dichloroethene	2.98	96	73151	21.029	ug/L	94
19) 1,1-Dichloroethane	3.44	63	7101427	989.244	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	5087503	1324.569	ug/L #	98
27) 1,2-Dichloroethane	5.41	62	23221	4.217	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	2678585	474.637	ug/L	100
33) Benzene	5.39	78	18730m	1.236	ug/L	
34) Trichloroethene	6.19	95	22824	6.141	ug/L	95
46) Tetrachloroethene	8.22	164	25795	9.546	ug/L	86

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

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