

Data File : VU033655.D
Acq On : 08 Aug 2019 22:01
Operator : JC/SP
Sample : K4202-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B23

Quant Time: Aug 09 08:44:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	303264	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	303857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	145975	42.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.28%
7) Chloroethane-d5	1.67	69	128005	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.34%
11) 1,1-Dichloroethene-d2	2.26	63	188994	34.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.30%
21) 2-Butanone-d5	4.16	46	219928	87.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.72%
24) Chloroform-d	4.62	84	210681	37.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.28%
26) 1,2-Dichloroethane-d4	5.29	65	147123	40.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.42%
32) Benzene-d6	5.32	84	467023	41.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.42%
36) 1,2-Dichloropropane-d6	6.31	67	150719	41.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.66%
41) Toluene-d8	7.55	98	421112	40.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.83	79	68188	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.34%
47) 2-Hexanone-d5	8.30	63	152942	84.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.79%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	223444	39.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	164745	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	101668	30.887	ug/L	97
8) Chloroethane	1.69	64	9930	4.837	ug/L	94
17) trans-1,2-Dichloroethene	2.97	96	10153	4.542	ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	1166844	463.573	ug/L	96
34) Trichloroethene	6.16	95	712300	289.502	ug/L	97
46) Tetrachloroethene	8.21	164	49250	24.674	ug/L	96

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

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