

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033894.D
 Acq On : 22 Aug 2019 00:06
 Operator : JC/SP
 Sample : K4454-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B99

Quant Time: Aug 22 08:28:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 19 16:05:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	400587	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	403367	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	167165	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162031	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.92%
7) Chloroethane-d5	1.67	69	136252	40.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.84%
11) 1,1-Dichloroethene-d2	2.26	63	202212	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	4.15	46	208172	110.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.14%
24) Chloroform-d	4.62	84	253843	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	5.29	65	172734	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
32) Benzene-d6	5.31	84	513432	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
36) 1,2-Dichloropropane-d6	6.31	67	174256	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.55	98	448902	42.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.96%
43) trans-1,3-Dichloropropene-	7.83	79	69983	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.94%
47) 2-Hexanone-d5	8.30	63	130296	96.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	246842	48.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.50%
64) 1,2-Dichlorobenzene-d4	11.85	152	172298	51.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	1795555	399.070	ug/L	98
8) Chloroethane	1.69	64	65478	21.007	ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	129698	44.940	ug/L	96
18) Methyl tert-butyl Ether	2.98	73	284280	33.753	ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	5732001	1835.999	ug/L	95
29) Cyclohexane	4.97	56	28747	6.652	ug/L #	92
33) Benzene	5.37	78	18698	1.535	ug/L	100
34) Trichloroethene	6.16	95	787076	242.034	ug/L	99
46) Tetrachloroethene	8.21	164	93474	35.854	ug/L	97

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

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