

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103119\
 Data File : VU035567.D
 Acq On : 30 Oct 2019 17:51
 Operator : JC/SP
 Sample : K5538-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6M1DL

Quant Time: Oct 31 00:26:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 00:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	659443	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	628408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	234920	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	236856	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.94%
7) Chloroethane-d5	1.93	69	202533	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.24%
11) 1,1-Dichloroethene-d2	2.59	63	291689	35.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.44%
21) 2-Butanone-d5	4.69	46	358622	115.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.27%
24) Chloroform-d	5.11	84	401121	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.75	65	256154	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.77	84	852864	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
36) 1,2-Dichloropropane-d6	6.74	67	279718	52.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.32%
41) Toluene-d8	7.93	98	772623	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%
43) trans-1,3-Dichloropropene-	8.22	79	127122	51.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.90%
47) 2-Hexanone-d5	8.68	63	229533	112.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.74%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	377732	50.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	246191	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	33085	5.486	ug/L	# 78
13) Acetone	2.67	43	33090	12.089	ug/L	99
19) 1,1-Dichloroethane	3.93	63	18887	2.308	ug/L	94
20) cis-1,2-Dichloroethene	4.72	96	116244	24.295	ug/L	99
22) 2-Butanone	4.78	43	10656	2.949	ug/L	92
29) Cyclohexane	5.43	56	6683	1.043	ug/L	97
33) Benzene	5.82	78	459170	25.999	ug/L	100
35) Methylcyclohexane	6.80	83	8017	1.229	ug/L	98
42) Toluene	8.01	91	1090243	58.900	ug/L	100
52) Ethylbenzene	9.60	91	210135	10.619	ug/L	98
53) m,p-Xylene	9.73	106	248453	33.460	ug/L	98
54) o-xylene	10.13	106	166523	22.945	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	17684	2.344	ug/L	98

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

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