

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U102119\
 Data File : VU035323.D
 Acq On : 21 Oct 2019 14:15
 Operator : JC/SP
 Sample : K5344-06DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L3DL

Quant Time: Nov 02 03:16:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 05:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	702426	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	671529	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	292889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	277439	45.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.84%
7) Chloroethane-d5	1.93	69	236386	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.22%
11) 1,1-Dichloroethene-d2	2.59	63	355726	35.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.36%
21) 2-Butanone-d5	4.69	46	415365	103.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.70%
24) Chloroform-d	5.11	84	448755	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.75	65	300026	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
32) Benzene-d6	5.77	84	937198	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.73	67	299069	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.93	98	879972	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.21	79	148311	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.68	63	288681	104.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.99%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	426594	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	12.22	152	309064	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.67	43	218916	61.302	ug/L	98
16) Methylene chloride	3.08	84	25841	5.060	ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	11497	2.196	ug/L	90
22) 2-Butanone	4.78	43	39186	9.069	ug/L	91
33) Benzene	5.82	78	56290	2.965	ug/L	100
35) Methylcyclohexane	6.80	83	23713	3.135	ug/L	93
40) 4-Methyl-2-pentanone	7.84	43	1045611	143.948	ug/L	99
42) Toluene	8.01	91	484586	23.317	ug/L	100
52) Ethylbenzene	9.60	91	131993	5.698	ug/L	98
53) m,p-Xylene	9.72	106	203759	23.863	ug/L	99
54) o-xylene	10.13	106	119758	14.140	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	24306	2.559	ug/L #	90

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

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