

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035313.D
 Acq On : 19 Oct 2019 13:04
 Operator : JC/SP
 Sample : K5344-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6K9

Quant Time: Oct 21 06:32:26 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	669913	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	647843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	275895	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	282619	49.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.08%
7) Chloroethane-d5	1.93	69	238541	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.64%
11) 1,1-Dichloroethene-d2	2.59	63	360424	37.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.80%
21) 2-Butanone-d5	4.69	46	410207	107.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.38%
24) Chloroform-d	5.11	84	441530	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
26) 1,2-Dichloroethane-d4	5.75	65	301696	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.77	84	928489	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.74	67	299252	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.24%
41) Toluene-d8	7.93	98	867167	49.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.28%
43) trans-1,3-Dichloropropene-	8.21	79	145313	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.98%
47) 2-Hexanone-d5	8.68	63	286651	108.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	423556	47.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.46%
64) 1,2-Dichlorobenzene-d4	12.22	152	301702	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%

Target Compounds

					Qvalue
5) Vinyl chloride	1.62	62	9597	1.670 ug/L	# 23
13) Acetone	2.67	43	67803	19.908 ug/L	99
16) Methylene chloride	3.09	84	16122	3.310 ug/L	98
19) 1,1-Dichloroethane	3.92	63	33808	4.034 ug/L	95
20) cis-1,2-Dichloroethene	4.72	96	6594	1.320 ug/L	99
22) 2-Butanone	4.78	43	21078	5.115 ug/L	92
29) Cyclohexane	5.43	56	12547	1.732 ug/L	92
33) Benzene	5.82	78	338400	18.475 ug/L	100
34) Trichloroethene	6.58	95	16542	3.505 ug/L	94
35) Methylcyclohexane	6.80	83	16984	2.328 ug/L	90
40) 4-Methyl-2-pentanone	7.84	43	155770	22.229 ug/L	100
42) Toluene	8.01	91	2633084	131.329 ug/L	99
51) Chlorobenzene	9.48	112	28227	2.159 ug/L	92
52) Ethylbenzene	9.60	91	600672	26.879 ug/L	98
53) m,p-Xylene	9.72	106	509132	61.806 ug/L	99
54) o-xylene	10.13	106	471052	57.651 ug/L	99
56) Isopropylbenzene	10.51	105	52809	2.496 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.86	146	12582	1.402	ug/L	90
65) 1,2-Dichlorobenzene	12.24	146	112789	12.604	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	3366	1.018	ug/L #	54

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

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