

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035314.D
 Acq On : 19 Oct 2019 13:27
 Operator : JC/SP
 Sample : K5344-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L3

Quant Time: Oct 21 06:41:26 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	697474	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	676762	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	336279	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	282886	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.30%
7) Chloroethane-d5	1.93	69	238418	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.70%
11) 1,1-Dichloroethene-d2	2.59	63	360029	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	4.69	46	544150	136.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.82%#
24) Chloroform-d	5.11	84	436914	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.75	65	297567	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
32) Benzene-d6	5.77	84	935879	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
36) 1,2-Dichloropropane-d6	6.74	67	297335	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.34%
41) Toluene-d8	7.94	98	871703	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%
43) trans-1,3-Dichloropropene-	8.21	79	146201	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.50%
47) 2-Hexanone-d5	8.68	63	393018	141.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.83%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	460600	49.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.38%
64) 1,2-Dichlorobenzene-d4	12.22	152	351494	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%

Target Compounds

					Qvalue
13) Acetone	2.67	43	1511465	426.256	ug/L 99
16) Methylene chloride	3.09	84	116606	22.997	ug/L 100
20) cis-1,2-Dichloroethene	4.72	96	61847	11.895	ug/L 100
22) 2-Butanone	4.77	43	287055	66.907	ug/L 96
27) 1,2-Dichloroethane	5.84	62	11529	1.652	ug/L 97
29) Cyclohexane	5.42	56	50855	6.720	ug/L # 71
33) Benzene	5.82	78	331035	17.301	ug/L 100
34) Trichloroethene	6.58	95	27392	5.556	ug/L 99
35) Methylcyclohexane	6.80	83	149822	19.655	ug/L # 87
40) 4-Methyl-2-pentanone	7.84	43	7372761	1007.152	ug/L 99
42) Toluene	8.01	91	2839926	135.593	ug/L 100
46) Tetrachloroethene	8.59	164	8864	2.226	ug/L 99
51) Chlorobenzene	9.48	112	15498	1.135	ug/L # 88
52) Ethylbenzene	9.60	91	791923	33.923	ug/L 99
53) m,p-Xylene	9.72	106	1255880	145.942	ug/L 99
54) o-xylene	10.13	106	720072	84.362	ug/L 98
56) Isopropylbenzene	10.51	105	110733	5.011	ug/L # 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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65) 1,2-Dichlorobenzene	12.24	146	144629	13.260	ug/L	93
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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