

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102619\
 Data File : VU035519.D
 Acq On : 26 Oct 2019 15:34
 Operator : JC/SP
 Sample : K5537-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L8

Quant Time: Oct 30 02:23:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	646228	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	613183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	263946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	223273	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.62%
7) Chloroethane-d5	1.93	69	188823	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.22%
11) 1,1-Dichloroethene-d2	2.59	63	283282	33.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.54%
21) 2-Butanone-d5	4.69	46	364885	108.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.52%
24) Chloroform-d	5.11	84	370145	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
26) 1,2-Dichloroethane-d4	5.75	65	244728	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
32) Benzene-d6	5.77	84	789083	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	6.73	67	258013	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.93	98	712173	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	8.21	79	121690	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.24%
47) 2-Hexanone-d5	8.68	63	257448	130.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.37%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	348967	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	12.22	152	249479	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	71329	21.172	ug/L	99
15) Methyl Acetate	2.99	43	7589	1.371	ug/L #	69
16) Methylene chloride	3.09	84	19674	3.866	ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	39211	7.975	ug/L	93
22) 2-Butanone	4.77	43	23461	5.565	ug/L	99
29) Cyclohexane	5.43	56	26140	3.763	ug/L	95
33) Benzene	5.82	78	285699	15.448	ug/L	100
35) Methylcyclohexane	6.80	83	25368	4.016	ug/L	92
40) 4-Methyl-2-pentanone	7.84	43	16185	2.348	ug/L	96
42) Toluene	8.01	91	1772895	92.951	ug/L	99
51) Chlorobenzene	9.48	112	31364	2.531	ug/L	93
52) Ethylbenzene	9.60	91	835222	41.102	ug/L	99
53) m,p-Xylene	9.72	106	883972	117.360	ug/L	100
54) o-xylene	10.13	106	675824	91.694	ug/L	100
56) Isopropylbenzene	10.51	105	64592	3.483	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	8538	0.996	ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	62565	7.294	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2,4-trichlorobenzene	13.86	180	4176	1.545	ug/L #	87
70) 1,2,3-Trichlorobenzene	14.35	180	3855	1.380	ug/L #	78

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

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