

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103119\
 Data File : VU035568.D
 Acq On : 30 Oct 2019 18:15
 Operator : JC/SP
 Sample : K5538-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6M1

Quant Time: Oct 31 00:22:09 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	650892	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	616322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	266140	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	233346	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.78%
7) Chloroethane-d5	1.93	69	200133	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.59	63	286630	35.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.12%
21) 2-Butanone-d5	4.69	46	398512	129.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.77%
24) Chloroform-d	5.11	84	397795	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.75	65	253623	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.98%
32) Benzene-d6	5.77	84	853789	53.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.28%
36) 1,2-Dichloropropane-d6	6.74	67	276919	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.30%
41) Toluene-d8	7.93	98	780141	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%
43) trans-1,3-Dichloropropene-	8.21	79	127492	53.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.24%
47) 2-Hexanone-d5	8.68	63	259958	130.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.19%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	395350	53.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.72%
64) 1,2-Dichlorobenzene-d4	12.22	152	270563	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	174661	29.343	ug/L	85
13) Acetone	2.67	43	186618	69.073	ug/L	99
14) Carbon disulfide	2.83	76	21917	1.789	ug/L	100
15) Methyl Acetate	3.00	43	18240	3.727	ug/L	99
19) 1,1-Dichloroethane	3.92	63	101552	12.573	ug/L	97
20) cis-1,2-Dichloroethene	4.72	96	636860	134.851	ug/L	97
22) 2-Butanone	4.77	43	57828	16.214	ug/L	95
29) Cyclohexane	5.43	56	40752	6.483	ug/L	96
33) Benzene	5.82	78	2443559	141.072	ug/L	100
34) Trichloroethene	6.58	95	4736	1.075	ug/L	93
35) Methylcyclohexane	6.80	83	43926	6.868	ug/L	91
37) 1,2-Dichloropropane	6.84	63	25214	5.436	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	49291	7.943	ug/L	98
42) Toluene	8.01	91	6082667	335.057	ug/L	100
46) Tetrachloroethene	8.58	164	4343	1.179	ug/L	93
51) Chlorobenzene	9.48	112	14895	1.229	ug/L #	88
52) Ethylbenzene	9.60	91	1249343	64.373	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.72	106	1539493	211.394	uq/L	97
54) o-xylene	10.13	106	1038611	145.916	uq/L	100
56) Isopropylbenzene	10.51	105	88517	4.949	uq/L	100
63) 1,4-Dichlorobenzene	11.86	146	14953	1.753	uq/L	94
65) 1,2-Dichlorobenzene	12.24	146	111361	13.029	uq/L	99
68) 1,2,4-trichlorobenzene	13.86	180	3321	1.022	uq/L #	77

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

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