

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034752.D
 Acq On : 23 Sep 2019 22:53
 Operator : JC/SP
 Sample : K4932-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDH0

Quant Time: Sep 24 05:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	506068	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	471094	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	236895	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	209117	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.67	69	170446	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.14%
11) 1,1-Dichloroethene-d2	2.26	63	293571	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.92%
21) 2-Butanone-d5	4.15	46	469501	118.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.24%
24) Chloroform-d	4.62	84	362325	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
26) 1,2-Dichloroethane-d4	5.29	65	267145	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.32	84	742963	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
36) 1,2-Dichloropropane-d6	6.31	67	262208	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.76%
41) Toluene-d8	7.54	98	715447	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.83	79	116848	47.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.60%
47) 2-Hexanone-d5	8.29	63	318466	124.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.24%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	362873	51.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.48%
64) 1,2-Dichlorobenzene-d4	11.84	152	258636	52.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	132093	28.599	ug/L	97
14) Carbon disulfide	2.46	76	9337	0.836	ug/L	98
16) Methylene chloride	2.68	84	216907	51.717	ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	18661	4.409	ug/L	92
22) 2-Butanone	4.25	43	30064	5.471	ug/L	82
29) Cyclohexane	4.97	56	33594	4.320	ug/L	94
33) Benzene	5.37	78	522592	31.985	ug/L	100
34) Trichloroethene	6.16	95	115796	28.697	ug/L	98
35) Methylcyclohexane	6.40	83	29798	4.352	ug/L	97
37) 1,2-Dichloropropane	6.41	63	10231	2.103	ug/L	# 94
40) 4-Methyl-2-pentanone	7.44	43	724453	77.997	ug/L	96
42) Toluene	7.61	91	4897896	277.381	ug/L	98
46) Tetrachloroethene	8.21	164	25569	9.008	ug/L	98
51) Chlorobenzene	9.10	112	10158	0.946	ug/L	97
52) Ethylbenzene	9.23	91	1179294	59.309	ug/L	98
53) m,p-Xylene	9.35	106	1673561	237.627	ug/L	100
54) o-xylene	9.76	106	1007629	144.651	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	10.14	105	102792	5.473	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	16246	1.944	ug/L	90
65) 1,2-Dichlorobenzene	11.85	146	136362	16.451	ug/L	97

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

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