

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034757.D
 Acq On : 24 Sep 2019 00:50
 Operator : JC/SP
 Sample : K4932-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDM5

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 12:48:31 PM

Quant Time: Sep 24 05:51:26 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	519352	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	487458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	232529	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	208767	39.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.54%
7) Chloroethane-d5	1.67	69	175944	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.64%
11) 1,1-Dichloroethene-d2	2.26	63	292827	32.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.04%
21) 2-Butanone-d5	4.15	46	466434	114.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.47%
24) Chloroform-d	4.62	84	367373	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
26) 1,2-Dichloroethane-d4	5.29	65	269079	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.32	84	736369	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
36) 1,2-Dichloropropane-d6	6.31	67	263423	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.54	98	712117	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%
43) trans-1,3-Dichloropropene-	7.83	79	116839	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.40%
47) 2-Hexanone-d5	8.29	63	310599	117.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.10%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	361299	49.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.62%
64) 1,2-Dichlorobenzene-d4	11.84	152	250878	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%

Target Compounds

					Ovalue
13) Acetone	2.31	43	64198	13.544	ug/L 98
16) Methylene chloride	2.68	84	1794900	417.010	ug/L 97
22) 2-Butanone	4.25	43	15770m	2.797	ug/L
33) Benzene	5.37	78	33278	1.968	ug/L 100
42) Toluene	7.61	91	349198	19.112	ug/L 99
52) Ethylbenzene	9.23	91	102762	4.995	ug/L 100
53) m,p-Xylene	9.35	106	252281	34.619	ug/L 96
54) o-xylene	9.76	106	170867	23.706	ug/L 96
56) Isopropylbenzene	10.14	105	27318	1.406	ug/L 97
65) 1,2-Dichlorobenzene	11.85	146	68546	8.425	ug/L 99

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

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