

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034748.D
 Acq On : 23 Sep 2019 21:19
 Operator : JC/SP
 Sample : K4932-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDG6

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 12:48:15 PM

Quant Time: Sep 25 05:35:49 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	480097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	455604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	227128	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	204330	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.14%
7) Chloroethane-d5	1.67	69	165458	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.12%
11) 1,1-Dichloroethene-d2	2.26	63	282745	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	4.19	46	6306m	1.67	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	1.67%#
24) Chloroform-d	4.65	84	15348	2.15	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	4.30%#
26) 1,2-Dichloroethane-d4	5.29	65	259803	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
32) Benzene-d6	5.32	84	718402	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.31	67	255026	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.34%
41) Toluene-d8	7.54	98	693660	51.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%
43) trans-1,3-Dichloropropene-	7.83	79	113023	47.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.62%
47) 2-Hexanone-d5	8.30	63	1623m	0.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.65%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	2356m	0.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.68%#
64) 1,2-Dichlorobenzene-d4	11.84	152	247071	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

Target Compounds

					Ovalue
13) Acetone	2.31	43	858708	195.971	ug/L 100
16) Methylene chloride	2.68	84	82903	20.836	ug/L 96
22) 2-Butanone	4.23	43	468432	89.859	ug/L 91
25) Chloroform	4.65	83	333461	42.983	ug/L 99
29) Cyclohexane	4.97	56	28113	3.738	ug/L 98
33) Benzene	5.37	78	448571	28.388	ug/L 100
34) Trichloroethene	6.16	95	224206	57.453	ug/L 97
35) Methylcyclohexane	6.40	83	24015	3.626	ug/L 97
40) 4-Methyl-2-pentanone	7.44	43	2586291	287.916	ug/L 98
42) Toluene	7.61	91	4096221	239.867	ug/L 98
46) Tetrachloroethene	8.21	164	17204	6.267	ug/L 96
48) 2-Hexanone	8.34	43	481595	68.645	ug/L # 93
52) Ethylbenzene	9.23	91	946522	49.221	ug/L 100
53) m,p-Xylene	9.35	106	1295370	190.181	ug/L 98
54) o-xylene	9.76	106	784464	116.443	ug/L 98
56) Isopropylbenzene	10.14	105	77931	4.290	ug/L 97
63) 1,4-Dichlorobenzene	11.49	146	7064	0.882	ug/L 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.85	146	61063	7.683	ug/L	96

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

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