

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031144.D
 Acq On : 12 Apr 2019 21:17
 Operator : JC/SP
 Sample : K2339-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC34

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:48:31 PM

Quant Time: Apr 13 02:55:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:01:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	576568	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	569691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	253824	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	229575	44.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	172383	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.26%
11) 1,1-Dichloroethene-d2	2.28	63	1519130	163.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	326.38%#
21) 2-Butanone-d5	4.18	46	373739	91.62	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.62%
24) Chloroform-d	4.64	84	346273	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.31	65	240884	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
32) Benzene-d6	5.34	84	742008	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.35	67	269865	47.35	ug/L	0.02
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.56	98	695804	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	117344	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.30%
47) 2-Hexanone-d5	8.31	63	235874	90.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	339060	44.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	231022	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	393996	62.132	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	15607	3.780	ug/L #	53
12) 1,1-Dichloroethene	2.28	96	2130535	534.566	ug/L #	71
13) Acetone	2.31	43	37534	8.992	ug/L	73
17) trans-1,2-Dichloroethene	2.98	96	36178	8.549	ug/L	92
18) Methyl tert-butyl Ether	3.00	73	152860	10.784	ug/L #	1
19) 1,1-Dichloroethane	3.44	63	555315	63.587	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	19765733m	4230.158	ug/L	
25) Chloroform	4.67	83	47261	5.384	ug/L	98
29) Cyclohexane	4.99	56	28771	3.543	ug/L #	91
30) 1,1,1-Trichloroethane	4.91	97	1919849	276.524	ug/L	99
33) Benzene	5.39	78	688859	36.950	ug/L	100
34) Trichloroethene	6.17	95	57557850m	12587.944	ug/L	
35) Methylcyclohexane	6.42	83	183016	25.936	ug/L	99
42) Toluene	7.64	91	17360	0.912	ug/L	100
46) Tetrachloroethene	8.22	164	239083	71.919	ug/L	99
56) Isopropylbenzene	10.16	105	92442	4.879	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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