

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031146.D
 Acq On : 12 Apr 2019 22:03
 Operator : JC/SP
 Sample : K2339-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC36

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:49:03 PM

Quant Time: Apr 13 04:57:21 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	5.88	114	503829	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	512914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	207999	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.50%
7) Chloroethane-d5	1.68	69	170550	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.92%
11) 1,1-Dichloroethene-d2	2.27	63	436042	53.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.20%
21) 2-Butanone-d5	4.17	46	328462	92.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.15%
24) Chloroform-d	4.64	84	319752	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	5.31	65	223170	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
32) Benzene-d6	5.33	84	665482	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
36) 1,2-Dichloropropane-d6	6.32	67	239827	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.48%
41) Toluene-d8	7.56	98	613135	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	102563	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.31	63	208218	88.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324285	46.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	207103	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	6185	1.116	ug/L	# 1
12) 1,1-Dichloroethene	2.28	96	277019	79.541	ug/L	92
13) Acetone	2.32	43	74787	20.503	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	2203	0.596	ug/L	86
19) 1,1-Dichloroethane	3.44	63	297859	39.031	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	173771	42.559	ug/L	94
22) 2-Butanone	4.27	43	37888m	8.859	ug/L	
30) 1,1,1-Trichloroethane	4.91	97	55530	8.884	ug/L	98
33) Benzene	5.38	78	7345	0.438	ug/L	100
34) Trichloroethene	6.18	95	5679927	1379.710	ug/L	96
42) Toluene	7.64	91	9654	0.563	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	1581	0.392	ug/L	# 59
53) m,p-Xylene	9.38	106	4619m	0.709	ug/L	

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

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