

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031147.D
 Acq On : 12 Apr 2019 22:26
 Operator : JC/SP
 Sample : K2339-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC37

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:49:27 PM

Quant Time: Apr 13 03:55:49 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	511549	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504374	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	220332	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.50%
7) Chloroethane-d5	1.68	69	168626	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.30%
11) 1,1-Dichloroethene-d2	2.27	63	302765	36.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.32%
21) 2-Butanone-d5	4.17	46	319859	88.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.38%
24) Chloroform-d	4.64	84	332152	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	5.31	65	224854	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
32) Benzene-d6	5.33	84	675313	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
36) 1,2-Dichloropropane-d6	6.32	67	229608	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.00%
41) Toluene-d8	7.56	98	583288	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.85	79	95869	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
47) 2-Hexanone-d5	8.31	63	196056	85.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305784	44.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	205468	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	5723	1.017 ug/L #	1
12) 1,1-Dichloroethene	2.28	96	47635	13.471 ug/L #	8
13) Acetone	2.32	43	25473	6.878 ug/L	98
19) 1,1-Dichloroethane	3.44	63	25554	3.298 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	435480	105.045 ug/L	88
30) 1,1,1-Trichloroethane	4.91	97	13674	2.225 ug/L	94
33) Benzene	5.39	78	21628m	1.310 ug/L	
34) Trichloroethene	6.18	95	7590087	1874.924 ug/L	96
42) Toluene	7.64	91	6915	0.410 ug/L	94
46) Tetrachloroethene	8.23	164	2369m	0.805 ug/L	

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

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