

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031148.D
 Acq On : 12 Apr 2019 22:49
 Operator : JC/SP
 Sample : K2339-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC39

Quant Time: Apr 13 04:04:49 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	504793	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210081	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	206622	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.70%
7) Chloroethane-d5	1.68	69	160755	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	931319	114.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	228.54%#
21) 2-Butanone-d5	4.17	46	315137	88.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.24%
24) Chloroform-d	4.64	84	330019	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	5.31	65	219590	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
32) Benzene-d6	5.33	84	662870	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.33	67	224115	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.90%
41) Toluene-d8	7.56	98	579645	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%
43) trans-1,3-Dichloropropene-	7.85	79	92444	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.22%
47) 2-Hexanone-d5	8.31	63	186324	82.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298785	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	210303	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	51403	9.259	ug/L	89
12) 1,1-Dichloroethene	2.28	96	1153524	330.580	ug/L #	75
13) Acetone	2.32	43	8229	2.252	ug/L	93
16) Methylene chloride	2.70	84	5131	1.210	ug/L	93
19) 1,1-Dichloroethane	3.44	63	321239	42.014	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	107061	26.171	ug/L	95
30) 1,1,1-Trichloroethane	4.91	97	38378	6.389	ug/L	99
34) Trichloroethene	6.18	95	723265	182.825	ug/L	98
46) Tetrachloroethene	8.22	164	426110	148.152	ug/L	98

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

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