

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031053.D
 Acq On : 11 Apr 2019 08:49
 Operator : JC/SP
 Sample : K2341-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB715MSD

Quant Time: Apr 12 03:51:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 03:03:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	498666	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211239	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	214052	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.18%
7) Chloroethane-d5	1.67	69	178650	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.76%
11) 1,1-Dichloroethene-d2	2.27	63	385234	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.70%
21) 2-Butanone-d5	4.17	46	393336	111.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.49%
24) Chloroform-d	4.64	84	369039	54.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.54%
26) 1,2-Dichloroethane-d4	5.30	65	254606	54.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.74%
32) Benzene-d6	5.33	84	753300	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
36) 1,2-Dichloropropane-d6	6.32	67	257792	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.54%
41) Toluene-d8	7.56	98	651518	51.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.14%
43) trans-1,3-Dichloropropene-	7.85	79	108950	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
47) 2-Hexanone-d5	8.31	63	244180	108.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	351728	52.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.74%
64) 1,2-Dichlorobenzene-d4	11.85	152	226292	54.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.94%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	151249	43.878	ug/L	98
13) Acetone	2.32	43	43295	11.993	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	32562	8.057	ug/L	86
25) Chloroform	4.67	83	74934	9.871	ug/L	92
33) Benzene	5.38	78	780478	48.378	ug/L	100
34) Trichloroethene	6.18	95	209971	53.065	ug/L	99
38) Bromodichloromethane	6.75	83	26324	4.777	ug/L	95
42) Toluene	7.63	91	828968	50.339	ug/L	100
46) Tetrachloroethene	8.22	164	516367	179.496	ug/L	99
49) Dibromochloromethane	8.47	129	11323	2.754	ug/L	99
51) Chlorobenzene	9.12	112	504123	49.912	ug/L	98

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

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