

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
 Data File : VU030418.D
 Acq On : 25 Mar 2019 21:28
 Operator : JC/SP
 Sample : K2070-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09A6

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 1:37:07 PM

Quant Time: Mar 26 03:08:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 01:25:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	454986	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	430602	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174287	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	196210	53.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.18%
7) Chloroethane-d5	1.68	69	151255	52.12	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.24%
11) 1,1-Dichloroethene-d2	2.27	63	265647	38.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.48%
21) 2-Butanone-d5	4.17	46	314774	91.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.45%
24) Chloroform-d	4.65	84	302229	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
26) 1,2-Dichloroethane-d4	5.31	65	203840	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
32) Benzene-d6	5.34	84	626839	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
36) 1,2-Dichloropropane-d6	6.33	67	220721	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.48%
41) Toluene-d8	7.56	98	541570	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%
43) trans-1,3-Dichloropropene-	7.85	79	91501	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
47) 2-Hexanone-d5	8.31	63	203350	88.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282382	46.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	177048	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Ovalue
13) Acetone	2.32	43	16360	4.700 ug/L	97
33) Benzene	5.39	78	17710	1.208 ug/L	100
51) Chlorobenzene	9.12	112	43108	4.676 ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	22983	3.917 ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	20068	3.482 ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	13847	3.735 ug/L	93
70) 1,2,3-Trichlorobenzene	14.00	180	5452m	1.393 ug/L	

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

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