

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031441.D
 Acq On : 23 Apr 2019 16:22
 Operator : JC/SP
 Sample : K2536-03 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X23

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 10:46:06 AM

Quant Time: Apr 24 08:08:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	721926	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	686655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	312176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	237016	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.04%
7) Chloroethane-d5	1.68	69	198408	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.10%
11) 1,1-Dichloroethene-d2	2.27	63	339142	33.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.66%
21) 2-Butanone-d5	4.19	46	454138	103.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	4.64	84	419479	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	268099	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
32) Benzene-d6	5.34	84	893454	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
36) 1,2-Dichloropropane-d6	6.32	67	294808	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.38%
41) Toluene-d8	7.56	98	792371	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%
43) trans-1,3-Dichloropropene-	7.85	79	129856	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.31	63	333435	104.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	380025	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	293695	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	9044	1.174 ug/L #	83
20) cis-1,2-Dichloroethene	4.22	96	3479m	0.676 ug/L	
34) Trichloroethene	6.18	95	615004	116.861 ug/L	99
46) Tetrachloroethene	8.23	164	5977	1.601 ug/L	94

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

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