

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030786.D
 Acq On : 06 Apr 2019 09:04
 Operator : JC/SP
 Sample : K2249-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE1

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 2:49:55 PM

Quant Time: Apr 08 02:23:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467086	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	191136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	213594	51.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.46%
7) Chloroethane-d5	1.68	69	164540	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.98%
11) 1,1-Dichloroethene-d2	2.27	63	321937	42.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.38%
21) 2-Butanone-d5	4.17	46	334198	101.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.13%
24) Chloroform-d	4.64	84	307857	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.31	65	220369	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
32) Benzene-d6	5.34	84	667108	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
36) 1,2-Dichloropropane-d6	6.32	67	227940	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.56	98	565894	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%
43) trans-1,3-Dichloropropene-	7.85	79	93850	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.42%
47) 2-Hexanone-d5	8.31	63	195911	94.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299641	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	192794	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	3715	0.621 ug/L	96
12) 1,1-Dichloroethene	2.28	96	54009m	16.728 ug/L	
13) Acetone	2.32	43	21932	6.486 ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	30346	8.852 ug/L	96
19) 1,1-Dichloroethane	3.44	63	713259	100.817 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	1917271	506.502 ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	1154804	208.227 ug/L	100
34) Trichloroethene	6.19	95	17833	4.882 ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	2127	0.595 ug/L	90
46) Tetrachloroethene	8.22	164	52149	19.638 ug/L	94

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

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