

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031904.D
 Acq On : 10 May 2019 21:31
 Operator : JC/SP
 Sample : K2742-05 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C31

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:49:23 AM

Quant Time: May 11 04:13:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 02:45:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1020743	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1056232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	426898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	373372	43.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.42%
7) Chloroethane-d5	1.67	69	316567m	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.90%
11) 1,1-Dichloroethene-d2	2.26	63	528793	31.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.16%
21) 2-Butanone-d5	4.17	46	661735	85.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.49%
24) Chloroform-d	4.64	84	684130	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.31	65	455057	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
32) Benzene-d6	5.33	84	1416231	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
36) 1,2-Dichloropropane-d6	6.32	67	476218	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.46%
41) Toluene-d8	7.56	98	1197349	42.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.76%
43) trans-1,3-Dichloropropene-	7.85	79	188784	38.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.08%
47) 2-Hexanone-d5	8.31	63	433722	87.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	667640	43.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	447199	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%

Target Compounds

					Ovalue
31) Carbon tetrachloride	5.13	117	7321m	0.579	ug/L
33) Benzene	5.39	78	1451627	37.381	ug/L
51) Chlorobenzene	9.12	112	5650225	247.173	ug/L
62) 1,3-Dichlorobenzene	11.41	146	202648	14.341	ug/L
63) 1,4-Dichlorobenzene	11.50	146	1783699	121.881	ug/L
65) 1,2-Dichlorobenzene	11.87	146	2389656	159.115	ug/L
68) 1,2,4-trichlorobenzene	13.50	180	200401	23.917	ug/L
70) 1,2,3-Trichlorobenzene	13.99	180	57160	5.992	ug/L

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

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