

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031559.D
 Acq On : 27 Apr 2019 02:36
 Operator : JC/SP
 Sample : K2592-12 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X72

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:20:36 AM

Quant Time: Apr 27 04:28:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 03:26:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	814429	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774803	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	307182	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	356669	52.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.66%
7) Chloroethane-d5	1.68	69	277465	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.36%
11) 1,1-Dichloroethene-d2	2.27	63	520511	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.70%
21) 2-Butanone-d5	4.18	46	673845	109.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.11%
24) Chloroform-d	4.64	84	599245	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	403199	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
32) Benzene-d6	5.34	84	1246328	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
36) 1,2-Dichloropropane-d6	6.32	67	421806	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.78%
41) Toluene-d8	7.56	98	1036645	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%
43) trans-1,3-Dichloropropene-	7.85	79	169321	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.24%
47) 2-Hexanone-d5	8.31	63	417451	115.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	549486	48.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	332829	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	199285	17.256 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	5475m	0.771 ug/L	
34) Trichloroethene	6.18	95	11577488	1676.634 ug/L	98
46) Tetrachloroethene	8.22	164	79397	16.866 ug/L	96

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

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