

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030237.D
 Acq On : 20 Mar 2019 20:55
 Operator : JC/SP
 Sample : K2022-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0965

Quant Time: Mar 22 02:25:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	539705	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	516171	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	244257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	156946	43.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.02%
7) Chloroethane-d5	1.68	69	129576	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	216576	32.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.06%
21) 2-Butanone-d5	4.17	46	256599	94.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	4.65	84	308580	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.31	65	183776	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.34	84	657271	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
36) 1,2-Dichloropropane-d6	6.33	67	208301	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.98%
41) Toluene-d8	7.56	98	581575	45.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.94%
43) trans-1,3-Dichloropropene-	7.85	79	92493	45.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.26%
47) 2-Hexanone-d5	8.31	63	215475	98.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315223	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	242890	49.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.06%

Target Compounds

					Ovalue
51) Chlorobenzene	9.12	112	39891	3.720 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	15040	1.930 ug/L	91
63) 1,4-Dichlorobenzene	11.50	146	78799	9.748 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	77479	9.731 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	23035	4.277 ug/L	90
70) 1,2,3-Trichlorobenzene	13.99	180	14304	2.545 ug/L	95

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

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