

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030727.D
 Acq On : 05 Apr 2019 08:46
 Operator : JC/SP
 Sample : K2249-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD5

Quant Time: Apr 05 23:57:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470637	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455938	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	236838	56.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.74%
7) Chloroethane-d5	1.68	69	161389	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.27	63	322871	42.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.98%
21) 2-Butanone-d5	4.17	46	329780	99.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.04%
24) Chloroform-d	4.64	84	297871	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
26) 1,2-Dichloroethane-d4	5.31	65	215200	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
32) Benzene-d6	5.34	84	656317	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.33	67	225261	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.76%
41) Toluene-d8	7.56	98	569008	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
43) trans-1,3-Dichloropropene-	7.85	79	94391	45.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.76%
47) 2-Hexanone-d5	8.31	63	205723	98.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296010	48.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	193121	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	3016301	582.719	ug/L 98
8) Chloroethane	1.70	64	186084	63.030	ug/L 98
13) Acetone	2.32	43	8730	2.562	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	122717	35.526	ug/L 100
19) 1,1-Dichloroethane	3.44	63	7726866	1083.925	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	5549163	1454.908	ug/L 98
27) 1,2-Dichloroethane	5.40	62	53465	9.777	ug/L 98
30) 1,1,1-Trichloroethane	4.91	97	1671667	300.849	ug/L 100
33) Benzene	5.39	78	51129	3.427	ug/L 100
34) Trichloroethene	6.18	95	82013	22.411	ug/L 98
45) 1,1,2-Trichloroethane	8.07	97	6177	1.724	ug/L 91
46) Tetrachloroethene	8.22	164	50142	18.847	ug/L 97

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

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