

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030728.D
 Acq On : 05 Apr 2019 09:09
 Operator : JC/SP
 Sample : K2249-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE2

Quant Time: Apr 06 00:08:41 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	469601	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215418	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	214557	51.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.36%
7) Chloroethane-d5	1.68	69	165508	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.04%
11) 1,1-Dichloroethene-d2	2.27	63	293251	38.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.36%
21) 2-Butanone-d5	4.17	46	348522	104.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.90%
24) Chloroform-d	4.64	84	291171	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.94%
26) 1,2-Dichloroethane-d4	5.31	65	217962	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.34	84	662434	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
36) 1,2-Dichloropropane-d6	6.32	67	227962	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.56	98	575713	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%
43) trans-1,3-Dichloropropene-	7.85	79	93028	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.74%
47) 2-Hexanone-d5	8.31	63	212184	100.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	308279	49.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	209023	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	172215	33.344	ug/L	95
8) Chloroethane	1.69	64	893661	303.368	ug/L	100
13) Acetone	2.32	43	13645	4.014	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	6727	1.952	ug/L	95
19) 1,1-Dichloroethane	3.44	63	4576446	643.400	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	1828940	480.579	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	283045	50.534	ug/L	98
34) Trichloroethene	6.18	95	12954	3.512	ug/L	96
35) Methylcyclohexane	6.41	83	7629	1.340	ug/L #	85
42) Toluene	7.63	91	190274	12.394	ug/L	99
46) Tetrachloroethene	8.22	164	35874	13.376	ug/L	97
52) Ethylbenzene	9.25	91	247349	14.781	ug/L	97
53) m,p-Xylene	9.37	106	177084	30.341	ug/L	100
54) o-xylene	9.77	106	136533	23.518	ug/L	97
56) Isopropylbenzene	10.16	105	62225	4.071	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	19303	2.826	ug/L	97

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

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