

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030379.D
 Acq On : 24 Mar 2019 18:35
 Operator : JC/SP
 Sample : K2016-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09D5

Quant Time: Mar 25 05:40:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 25 03:20:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	430783	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	406932	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	200342	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133637	38.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.10%
7) Chloroethane-d5	1.68	69	113781	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.82%
11) 1,1-Dichloroethene-d2	2.27	63	197667	30.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.12%
21) 2-Butanone-d5	4.17	46	290839	89.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.24%
24) Chloroform-d	4.64	84	266565	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
26) 1,2-Dichloroethane-d4	5.31	65	182552	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
32) Benzene-d6	5.34	84	559104	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.33	67	197336	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.84%
41) Toluene-d8	7.56	98	499955	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	80219	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.46%
47) 2-Hexanone-d5	8.31	63	200493	92.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	258268	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	185088	46.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.22%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	48842	8.885	ug/L	99
13) Acetone	2.32	43	9471	2.874	ug/L	98
33) Benzene	5.39	78	550972	39.775	ug/L	100
51) Chlorobenzene	9.12	112	1564316	179.538	ug/L	99
52) Ethylbenzene	9.25	91	12869	0.826	ug/L	99
54) o-xylene	9.78	106	12642	2.304	ug/L	93
62) 1,3-Dichlorobenzene	11.41	146	971370	148.262	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	13931967	2065.577	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	4349184	656.497	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	959899	225.241	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	213569	47.459	ug/L	99

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

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