

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031647.D
 Acq On : 30 Apr 2019 20:22
 Operator : JC/SP
 Sample : K2593-14 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB1

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 11:16:52 AM

Quant Time: May 01 04:23:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	702456	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	670731	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	306270	52.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.20%
7) Chloroethane-d5	1.68	69	225433	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.24%
11) 1,1-Dichloroethene-d2	2.27	63	458787m	39.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.38%
21) 2-Butanone-d5	4.19	46	532111	99.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.90%
24) Chloroform-d	4.64	84	523659	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.30	65	362704	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.33	84	1001616	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
36) 1,2-Dichloropropane-d6	6.32	67	362874	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	7.56	98	808260	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%
43) trans-1,3-Dichloropropene-	7.85	79	140448	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.30%
47) 2-Hexanone-d5	8.31	63	290872	92.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	446176	45.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	227706	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	220661	22.153	ug/L	97
16) Methylene chloride	2.70	84	6291	0.973	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	10310	1.683	ug/L	82
34) Trichloroethene	6.18	95	14203537	2376.093	ug/L	94
42) Toluene	7.64	91	70730	2.879	ug/L	94
46) Tetrachloroethene	8.22	164	78896	19.360	ug/L	98
53) m,p-Xylene	9.38	106	4202m	0.473	ug/L	

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

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