

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031620.D
 Acq On : 30 Apr 2019 05:05
 Operator : JC/SP
 Sample : K2593-09 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X73

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:45:00 AM

Quant Time: Apr 30 05:56:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	655543	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	659407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	244416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	329821	60.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.24%
7) Chloroethane-d5	1.68	69	249114	58.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.52%
11) 1,1-Dichloroethene-d2	2.27	63	471903	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
21) 2-Butanone-d5	4.19	46	575017	115.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.68%
24) Chloroform-d	4.64	84	516047	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
26) 1,2-Dichloroethane-d4	5.31	65	356200	54.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.52%
32) Benzene-d6	5.34	84	1017856	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
36) 1,2-Dichloropropane-d6	6.33	67	379895	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.66%
41) Toluene-d8	7.56	98	877179	49.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.48%
43) trans-1,3-Dichloropropene-	7.85	79	147139	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.31	63	335024	108.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	463484	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	260387	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	1061665	114.212	ug/L	99
16) Methylene chloride	2.70	84	67387	11.164	ug/L	94
17) trans-1,2-Dichloroethene	2.98	96	12621	2.368	ug/L	88
20) cis-1,2-Dichloroethene	4.22	96	101487	17.753	ug/L	90
31) Carbon tetrachloride	5.13	117	9504	1.204	ug/L	94
34) Trichloroethene	6.17	95	32507803m	5531.583	ug/L	
40) 4-Methyl-2-pentanone	7.47	43	31338	2.959	ug/L #	91
42) Toluene	7.63	91	240556	9.961	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	15517	2.735	ug/L	94
46) Tetrachloroethene	8.22	164	325505	81.246	ug/L	97
52) Ethylbenzene	9.25	91	12177	0.486	ug/L	88
53) m,p-Xylene	9.37	106	17697	2.028	ug/L	99
54) o-xylene	9.78	106	8694	1.005	ug/L	86

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

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