

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\
 Data File : VU030422.D
 Acq On : 25 Mar 2019 23:02
 Operator : JC/SP
 Sample : K2062-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A1

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 1:37:17 PM

Quant Time: Mar 26 04:09:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 01:25:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	456844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	423351	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	191561	52.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.20%
7) Chloroethane-d5	1.68	69	150259	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.12%
11) 1,1-Dichloroethene-d2	2.27	63	259576m	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.44%
21) 2-Butanone-d5	4.17	46	320141	92.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.63%
24) Chloroform-d	4.64	84	297439	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
26) 1,2-Dichloroethane-d4	5.31	65	202628	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
32) Benzene-d6	5.34	84	620289	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
36) 1,2-Dichloropropane-d6	6.33	67	217919	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.92%
41) Toluene-d8	7.56	98	524041	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%
43) trans-1,3-Dichloropropene-	7.85	79	88326	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.31	63	194065	86.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276344	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	171620	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	16401	3.068	ug/L	# 65
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	11055	3.316	ug/L	87
13) Acetone	2.32	43	35249	10.085	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	4527	1.320	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	419311	109.031	ug/L	96
34) Trichloroethene	6.18	95	324052	91.469	ug/L	97
46) Tetrachloroethene	8.23	164	2298	0.929	ug/L	85

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

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