

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013878.D
 Acq On : 02 Dec 2019 18:01
 Operator : SY/MD
 Sample : K6028-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA9

Manual Integrations
 APPROVED

apatel
 12/5/2019 8:35:31 AM

Quant Time: Dec 03 05:02:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	662566	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	604430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	275710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	172984	45.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.28%
7) Chloroethane-d5	1.57	69	190164	47.54	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.08%
11) 1,1-Dichloroethene-d2	2.12	63	284602m	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	3.92	46	314485	116.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.60%
24) Chloroform-d	4.39	84	379739	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
26) 1,2-Dichloroethane-d4	5.07	65	244608	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
32) Benzene-d6	5.09	84	771405	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
36) 1,2-Dichloropropane-d6	6.11	67	244193	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	7.35	98	690875	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.66	79	108279	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.66%
47) 2-Hexanone-d5	8.13	63	222702	126.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.86%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	332915	48.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	295521	54.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3453	0.693	ug/L #	29
13) Acetone	2.18	43	41847	10.587	ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	10699	2.098	ug/L	93
27) 1,2-Dichloroethane	5.18	62	12269	1.878	ug/L #	91
34) Trichloroethene	5.96	95	3582	0.742	ug/L	85

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

