

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013307.D
 Acq On : 23 Oct 2019 20:36
 Operator : SY/MD
 Sample : K5395-16
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0045

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 10:46:00 AM

Quant Time: Oct 24 04:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 04:17:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1210919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1160290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	519392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	358427	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.30%
7) Chloroethane-d5	1.58	69	296950	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.86%
11) 1,1-Dichloroethene-d2	2.13	63	433588	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
21) 2-Butanone-d5	3.97	46	559599	104.05	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.05%
24) Chloroform-d	4.40	84	795141	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.08	65	497626	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.10	84	1675133	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.12	67	529321	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.70%
41) Toluene-d8	7.36	98	1473932	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.66	79	222358	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.14	63	324513	96.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	689038	47.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.24%
64) 1,2-Dichlorobenzene-d4	11.67	152	605098	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.25	43	17880m	4.499	ug/L	
63) 1,4-Dichlorobenzene	11.32	146	11047	0.634	ug/L #	82
68) 1,2,4-trichlorobenzene	13.31	180	8944	0.844	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.79	180	12041	1.060	ug/L	98

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

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