

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012741.D
 Acq On : 13 Sep 2019 21:33
 Operator : SY/MD
 Sample : K4707-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ5

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 1:22:25 PM

Quant Time: Sep 14 01:40:13 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M

Quant Title : VOC Analysis

QLast Update : Sat Sep 14 00:19:14 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	773195	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.92	117	807937	50.00	ug/L	0.03
60) 1,4-Dichlorobenzene-d4	11.31	152	491789	50.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	202708	46.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.52%
7) Chloroethane-d5	1.58	69	189699	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.74%
11) 1,1-Dichloroethene-d2	2.13	63	303650	35.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.24%
21) 2-Butanone-d5	3.92	46	467622	102.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.90%
24) Chloroform-d	4.40	84	571353	52.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.24%
26) 1,2-Dichloroethane-d4	5.09	65	331874	50.39	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.10	84	987337	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.58%
36) 1,2-Dichloropropane-d6	6.12	67	345850m	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.92%
41) Toluene-d8	7.36	98	876743	44.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.90%
43) trans-1,3-Dichloropropene-	7.66	79	143399	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.48%
47) 2-Hexanone-d5	8.13	63	324936	111.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	531010	54.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.12%
64) 1,2-Dichlorobenzene-d4	11.70	152	540479	48.15	ug/L	0.03
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.30%

Target Compounds

					Ovalue
13) Acetone	2.19	43	64463	17.185	ug/L 99
25) Chloroform	4.42	83	1471569	145.460	ug/L 100
29) Cyclohexane	4.73	56	39513	5.152	ug/L 95
31) Carbon tetrachloride	4.88	117	472024	64.891	ug/L 99
33) Benzene	5.13	78	34454113m	1567.784	ug/L
35) Methylcyclohexane	6.18	83	18032m	2.238	ug/L
38) Bromodichloromethane	6.56	83	14029	1.724	ug/L # 93
46) Tetrachloroethene	8.02	164	8813	1.989	ug/L 97
51) Chlorobenzene	8.92	112	43517174m	2783.092	ug/L
62) 1,3-Dichlorobenzene	11.23	146	16189175m	1065.767	ug/L
63) 1,4-Dichlorobenzene	11.31	146	33030905m	2119.853	ug/L
65) 1,2-Dichlorobenzene	11.69	146	36989053m	2315.914	ug/L
67) 1,3,5-Trichlorobenzene	12.69	180	22335	1.990	ug/L 99
68) 1,2,4-trichlorobenzene	13.31	180	19841430m	2092.590	ug/L
70) 1,2,3-Trichlorobenzene	13.79	180	8784519	853.464	ug/L 97

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

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