

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014778.D
 Acq On : 09 Mar 2020 15:48
 Operator : SY/MD
 Sample : L1835-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DJ0

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:19 AM

Quant Time: Mar 10 16:29:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	437407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	421331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126838	42.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.70%
7) Chloroethane-d5	1.58	69	105350	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.04%
11) 1,1-Dichloroethene-d2	2.12	63	162411	33.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.04%
21) 2-Butanone-d5	3.94	46	207972	94.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.20%
24) Chloroform-d	4.38	84	259751	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.06	65	175829	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.08	84	548733	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.10	67	171584	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.06%
41) Toluene-d8	7.34	98	523229	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%
43) trans-1,3-Dichloropropene-	7.64	79	82797	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.12	63	165710	101.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	233808	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	204450	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	7432m	4.032	ug/L	
25) Chloroform	4.41	83	6422	1.081	ug/L	86
51) Chlorobenzene	8.90	112	6027	0.696	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	13106	1.953	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	11872	1.790	ug/L	96
68) 1,2,4-trichlorobenzene	13.28	180	4079	0.862	ug/L	95

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

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