

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014776.D
 Acq On : 09 Mar 2020 15:00
 Operator : SY/MD
 Sample : L1834-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL1

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 9:41:15 AM

Quant Time: Mar 10 16:18:53 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	435526	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	437458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	241403	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126724	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	104257	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.48%
11) 1,1-Dichloroethene-d2	2.12	63	163755	33.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.88%
21) 2-Butanone-d5	3.94	46	210147	95.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.60%
24) Chloroform-d	4.38	84	257324	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
26) 1,2-Dichloroethane-d4	5.06	65	178592	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.08	84	552812	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.10	67	171082	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.38%
41) Toluene-d8	7.34	98	532681	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%
43) trans-1,3-Dichloropropene-	7.64	79	83594	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.12	63	170569	100.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	239524	45.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	232638	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	5975m	3.256	ug/L	
25) Chloroform	4.41	83	205609	34.766	ug/L	100
27) 1,2-Dichloroethane	5.13	62	53148	11.595	ug/L #	75
31) Carbon tetrachloride	4.86	117	11913	2.766	ug/L	96
33) Benzene	5.13	78	6032887	476.030	ug/L	100
51) Chlorobenzene	8.90	112	7215577	802.092	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	1764963	226.093	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	7243486	921.001	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	10700607	1376.835	ug/L	95
68) 1,2,4-trichlorobenzene	13.28	180	1307119	235.552	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	619856	112.066	ug/L	100

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

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