

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014813.D
 Acq On : 10 Mar 2020 19:51
 Operator : SY/MD
 Sample : L1840-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBEM6

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 11:09:52 AM

Quant Time: Mar 11 04:48:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	394171	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	379002	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191464	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91379	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.52%
7) Chloroethane-d5	1.58	69	78215	37.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.18%
11) 1,1-Dichloroethene-d2	2.12	63	127070	28.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.34%#
21) 2-Butanone-d5	3.93	46	192515	96.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.77%
24) Chloroform-d	4.38	84	222270	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	152678	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
32) Benzene-d6	5.08	84	449224	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
36) 1,2-Dichloropropane-d6	6.10	67	141718	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.34	98	428874	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	7.64	79	65581	40.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.00%
47) 2-Hexanone-d5	8.11	63	159699	108.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	209503	45.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	184018	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	87367	52.598	ug/L	61
15) Methyl Acetate	2.46	43	12054	3.863	ug/L	92
22) 2-Butanone	4.02	43	16754m	7.646	ug/L	
25) Chloroform	4.41	83	7160	1.338	ug/L	96
40) 4-Methyl-2-pentanone	7.26	43	7874	1.831	ug/L #	92

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

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