

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\
 Data File : VV014904.D
 Acq On : 13 Mar 2020 14:48
 Operator : SY/MD
 Sample : L1840-15DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBETODL

Manual Integrations
 APPROVED

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 3/16/2020 12:28:26 PM

Quant Time: Mar 14 06:42:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 14 03:23:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	398124	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	393053	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195478	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98001	36.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.74%
7) Chloroethane-d5	1.58	69	80655	37.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.74%
11) 1,1-Dichloroethene-d2	2.12	63	128327	28.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.32%#
21) 2-Butanone-d5	3.93	46	158994	79.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.12%
24) Chloroform-d	4.38	84	225401	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.06	65	150921	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
32) Benzene-d6	5.08	84	454198	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
36) 1,2-Dichloropropane-d6	6.10	67	138110	40.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.30%
41) Toluene-d8	7.34	98	442455	43.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.06%
43) trans-1,3-Dichloropropene-	7.64	79	64493	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
47) 2-Hexanone-d5	8.12	63	153515	100.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	208770	44.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	185487	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%

Target Compounds					Ovalue
13) Acetone	2.21	43	89015m	53.058	ug/L
22) 2-Butanone	4.01	43	228153m	103.090	ug/L
40) 4-Methyl-2-pentanone	7.26	43	41951	9.408	ug/L # 94

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

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