

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040320\
 Data File : VV015399.D
 Acq On : 03 Apr 2020 17:16
 Operator : SY/MD
 Sample : L2065-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBF07

Manual Integrations
 APPROVED

sam
 4/10/2020 3:04:58 PM

Quant Time: Apr 07 18:48:15 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 07 18:28:34 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	702899	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	676831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	352365m	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	269682	42.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.58%
7) Chloroethane-d5	1.58	69	239247	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.88%
11) 1,1-Dichloroethene-d2	2.12	63	397556	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
21) 2-Butanone-d5	3.93	46	307184	91.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.70%
24) Chloroform-d	4.38	84	460909	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	295338	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
32) Benzene-d6	5.08	84	967622	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
36) 1,2-Dichloropropane-d6	6.09	67	286391	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.20%
41) Toluene-d8	7.34	98	933439	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%
43) trans-1,3-Dichloropropene-	7.64	79	149068	43.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.80%
47) 2-Hexanone-d5	8.11	63	263512	93.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	405917	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	369254	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	38723	17.611	ug/L	64
25) Chloroform	4.40	83	30067	3.173	ug/L	91
33) Benzene	5.13	78	85853	4.286	ug/L	100
42) Toluene	7.41	91	727498	32.676	ug/L	99
52) Ethylbenzene	9.04	91	900636	36.041	ug/L	99
53) m,p-Xylene	9.16	106	776372	80.683	ug/L	98
54) o-xylene	9.56	106	346360	35.934	ug/L	98
55) Styrene	9.58	104	556527	34.722	ug/L	98
56) Isopropylbenzene	9.95	105	145919	5.844	ug/L	99

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

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