

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015343.D
 Acq On : 01 Apr 2020 20:39
 Operator : SY/MD
 Sample : L2005-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CODE8

Manual Integrations
 APPROVED

apatel
 4/2/2020 4:27:00 PM

Quant Time: Apr 02 05:31:15 2020

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

Quant Title : VOC Analysis

QLast Update : Thu Apr 02 03:22:54 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	724951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	695509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	339746	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167913	25.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.66%#
7) Chloroethane-d5	1.58	69	167167	30.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.22%#
11) 1,1-Dichloroethene-d2	2.12	63	268304m	23.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.18%#
21) 2-Butanone-d5	3.93	46	284173	82.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.25%
24) Chloroform-d	4.38	84	391473	36.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.96%
26) 1,2-Dichloroethane-d4	5.06	65	253638	37.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.88%
32) Benzene-d6	5.08	84	776062	36.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.46%
36) 1,2-Dichloropropane-d6	6.10	67	244102	38.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.30%
41) Toluene-d8	7.34	98	747164	36.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.96%#
43) trans-1,3-Dichloropropene-	7.64	79	115922	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
47) 2-Hexanone-d5	8.12	63	229962	79.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	366655	40.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	306896	39.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.42%#

Target Compounds

					Ovalue
25) Chloroform	4.41	83	13784	1.410	ug/L 86
33) Benzene	5.13	78	112253	5.453	ug/L 100
51) Chlorobenzene	8.90	112	1274717	85.013	ug/L 98
62) 1,3-Dichlorobenzene	11.21	146	156649	13.696	ug/L 99
63) 1,4-Dichlorobenzene	11.30	146	684114	58.975	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	812024	69.606	ug/L 99
67) 1,3,5-Trichlorobenzene	12.67	180	5787	0.763	ug/L 95
68) 1,2,4-Trichlorobenzene	13.29	180	1135552	164.004	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	445862	62.514	ug/L 98

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

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