

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032420\
 Data File : VV015115.D
 Acq On : 24 Mar 2020 11:28
 Operator : SY/MD
 Sample : L1941-12DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC3DL

Manual Integrations
 APPROVED

apatel
 3/25/2020 4:52:40 PM

Quant Time: Mar 25 01:51:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 01:10:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	856140	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	811035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	384274	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293062	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.12%
7) Chloroethane-d5	1.58	69	253056	37.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.62%
11) 1,1-Dichloroethene-d2	2.12	63	413731	31.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.68%
21) 2-Butanone-d5	3.93	46	371387	72.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.08%
24) Chloroform-d	4.37	84	460524m	38.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.04%
26) 1,2-Dichloroethane-d4	5.05	65	298425	39.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.42%
32) Benzene-d6	5.07	84	950241	38.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.36%
36) 1,2-Dichloropropane-d6	6.09	67	302812	37.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.34%
41) Toluene-d8	7.33	98	905462	39.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.50%#
43) trans-1,3-Dichloropropene-	7.64	79	162440	38.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.52%
47) 2-Hexanone-d5	8.11	63	284095	70.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	420396	37.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	343114	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#

Target Compounds

					Ovalue
51) Chlorobenzene	8.90	112	269554	16.015 ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	21044	1.647 ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	75489	5.846 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	705823	53.020 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	82512	9.926 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	14530	1.697 ug/L	97

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

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