

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014993.D
 Acq On : 17 Mar 2020 23:34
 Operator : SY/MD
 Sample : L1940-16DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 C0DB7DL

Manual Integrations
 APPROVED

apatel
 3/18/2020 3:04:13 PM

Quant Time: Mar 18 08:06:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 07:43:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327684	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	316691	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163410	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74739	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.48%
7) Chloroethane-d5	1.58	69	63564	39.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.12	63	100562	30.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.04%
21) 2-Butanone-d5	3.93	46	109233	82.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.06%
24) Chloroform-d	4.38	84	199373	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.66%
26) 1,2-Dichloroethane-d4	5.06	65	132595	46.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.02%
32) Benzene-d6	5.08	84	399318	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.10	67	119768	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.20%
41) Toluene-d8	7.34	98	385132	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%
43) trans-1,3-Dichloropropene-	7.64	79	57777	41.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.66%
47) 2-Hexanone-d5	8.12	63	116597	99.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180107	47.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	173733	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%

Target Compounds

					Ovalue
51) Chlorobenzene	8.90	112	222823	33.369 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	134201	24.921 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	200314	36.928 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	56551	10.513 ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	3230m	0.765 ug/L	
68) 1,2,4-trichlorobenzene	13.28	180	157682	41.902 ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	10273	2.758 ug/L	96

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

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