

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015228.D
 Acq On : 28 Mar 2020 06:21
 Operator : SY/MD
 Sample : L2003-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK5

Manual Integrations
 APPROVED

apatel
 3/31/2020 9:23:43 AM

Quant Time: Mar 28 08:11:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	639960	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	593150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	249760	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139709	53.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.60%
7) Chloroethane-d5	1.58	69	138135	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.26%
11) 1,1-Dichloroethene-d2	2.12	63	228716	35.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.44%
21) 2-Butanone-d5	3.94	46	236642m	76.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.93%
24) Chloroform-d	4.38	84	285743	42.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.38%
26) 1,2-Dichloroethane-d4	5.06	65	192456	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
32) Benzene-d6	5.08	84	544327	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
36) 1,2-Dichloropropane-d6	6.09	67	182231	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.18%
41) Toluene-d8	7.34	98	492047	53.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.92%
43) trans-1,3-Dichloropropene-	7.64	79	90000	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.10%
47) 2-Hexanone-d5	8.12	63	174653	77.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	266668	38.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	189380	44.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.90%

Target Compounds

					Ovalue
25) Chloroform	4.40	83	7750	0.944 ug/L	89
51) Chlorobenzene	8.90	112	80753	6.748 ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	8466	1.089 ug/L	89
63) 1,4-Dichlorobenzene	11.30	146	67638	8.657 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	53644	6.730 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	20808	4.533 ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	5175	1.099 ug/L	95

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

