

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014995.D
 Acq On : 18 Mar 2020 00:22
 Operator : SY/MD
 Sample : L1940-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D98

Manual Integrations
 APPROVED

apatel
 3/18/2020 3:04:06 PM

Quant Time: Mar 18 08:16:55 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	320417	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313399	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73516	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.88%
7) Chloroethane-d5	1.58	69	62347	39.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.64%
11) 1,1-Dichloroethene-d2	2.12	63	97776	29.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.70%#
21) 2-Butanone-d5	3.94	46	110410m	84.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.83%
24) Chloroform-d	4.38	84	193700	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
26) 1,2-Dichloroethane-d4	5.06	65	132151	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
32) Benzene-d6	5.08	84	390860	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
36) 1,2-Dichloropropane-d6	6.10	67	118347	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.06%
41) Toluene-d8	7.34	98	373086	43.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.38%
43) trans-1,3-Dichloropropene-	7.64	79	56595	41.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.80%
47) 2-Hexanone-d5	8.12	63	110204	94.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176264	46.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	164241	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

					Ovalue
63) 1,4-Dichlorobenzene	11.29	146	5892	1.154 ug/L	90
65) 1,2-Dichlorobenzene	11.67	146	4335	0.856 ug/L #	94
68) 1,2,4-trichlorobenzene	13.28	180	4940	1.394 ug/L	96

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

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