

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031620\
 Data File : VV014946.D
 Acq On : 16 Mar 2020 15:18
 Operator : SY/MD
 Sample : L1890-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD1

Manual Integrations
 APPROVED

apatel
 3/18/2020 3:12:20 PM

Quant Time: Mar 18 03:53:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 03:17:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	367968	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	373013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	208226	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112954	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.16%
7) Chloroethane-d5	1.58	69	85844	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.30%
11) 1,1-Dichloroethene-d2	2.12	63	138099	36.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.44%
21) 2-Butanone-d5	3.93	46	117499	78.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.61%
24) Chloroform-d	4.38	84	234703	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
26) 1,2-Dichloroethane-d4	5.06	65	155736	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
32) Benzene-d6	5.08	84	493146	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
36) 1,2-Dichloropropane-d6	6.10	67	144242	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.28%
41) Toluene-d8	7.34	98	471001	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%
43) trans-1,3-Dichloropropene-	7.64	79	73260	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.12	63	132367	95.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201434	44.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	216882	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%

Target Compounds

					Ovalue
25) Chloroform	4.41	83	12290	2.551 ug/L	88
31) Carbon tetrachloride	4.86	117	5149	1.302 ug/L	# 45
33) Benzene	5.13	78	4336064	427.196 ug/L	100
51) Chlorobenzene	8.91	112	16050400m	2040.727 ug/L	
62) 1,3-Dichlorobenzene	11.20	146	1081298	157.582 ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	6332989	916.213 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	5949929	868.053 ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	10865	2.020 ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	4122659	859.753 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1034350	217.910 ug/L	100

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

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