

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014988.D
 Acq On : 17 Mar 2020 21:02
 Operator : SY/MD
 Sample : L1941-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB6

Manual Integrations
 APPROVED

apatel
 3/18/2020 3:04:43 PM

Quant Time: Mar 18 07:26:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 05:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347153	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	355601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	212591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83902	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.56%
7) Chloroethane-d5	1.58	69	65798	38.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.12	63	107307	30.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.48%
21) 2-Butanone-d5	3.93	46	104238	73.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.92%
24) Chloroform-d	4.38	84	197829	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	5.06	65	132451	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
32) Benzene-d6	5.08	84	407946	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
36) 1,2-Dichloropropane-d6	6.10	67	123060	42.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.38%
41) Toluene-d8	7.34	98	405195	41.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.64%
43) trans-1,3-Dichloropropene-	7.64	79	54363	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
47) 2-Hexanone-d5	8.12	63	112471	85.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182592	42.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.50%
64) 1,2-Dichlorobenzene-d4	11.66	152	211792	45.48	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%

Target Compounds

					Ovalue
25) Chloroform	4.41	83	7575	1.667 ug/L	97
35) Methylcyclohexane	6.15	83	27594	6.587 ug/L #	76
46) Tetrachloroethene	8.00	164	1640	0.676 ug/L	94
51) Chlorobenzene	8.91	112	9766024	1302.500 ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	3684116	525.877 ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	16703308m	2366.903 ug/L	
65) 1,2-Dichlorobenzene	11.67	146	25785157m	3684.633 ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	16648	3.031 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	20446557m	4176.441 ug/L	
70) 1,2,3-Trichlorobenzene	13.77	180	3880585	800.752 ug/L	100

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

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