

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015041.D
 Acq On : 19 Mar 2020 02:28
 Operator : SY/MD
 Sample : L1941-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DM0

Manual Integrations
 APPROVED

sam
 3/19/2020 11:31:08 AM

Quant Time: Mar 19 06:59:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 04:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357398	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	363195	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	219674	50.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111076	66.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	133.04%
7) Chloroethane-d5	1.58	69	67552	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.18%
11) 1,1-Dichloroethene-d2	2.12	63	106260	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	3.93	46	105231	92.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.95%
24) Chloroform-d	4.38	84	203411	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.06	65	134148	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
32) Benzene-d6	5.08	84	427784	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
36) 1,2-Dichloropropane-d6	6.09	67	121250	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.16%
41) Toluene-d8	7.34	98	420317	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.64	79	63078	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.12	63	109121	93.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.91%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	174908	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.66	152	217913	49.41	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%

Target Compounds

					Ovalue
25) Chloroform	4.41	83	53045	12.644 ug/L	99
29) Cyclohexane	4.71	56	4349	1.334 ug/L #	89
31) Carbon tetrachloride	4.86	117	44205	12.554 ug/L	99
33) Benzene	5.13	78	14195427	1596.652 ug/L	100
35) Methylcyclohexane	6.16	83	3928m	1.028 ug/L	
46) Tetrachloroethene	8.00	164	1941	0.849 ug/L	84
51) Chlorobenzene	8.90	112	20897195m	2957.163 ug/L	
62) 1,3-Dichlorobenzene	11.21	146	7273053	1099.941 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	21741314m	3158.801 ug/L	
65) 1,2-Dichlorobenzene	11.67	146	25560163m	3639.374 ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	5155	0.985 ug/L	89
68) 1,2,4-trichlorobenzene	13.29	180	8968821	1861.572 ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	3535022	746.843 ug/L	98

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

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