

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015037.D
 Acq On : 19 Mar 2020 00:51
 Operator : SY/MD
 Sample : L1941-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL7

Manual Integrations
 APPROVED

sam
 3/19/2020 11:30:58 AM

Quant Time: Mar 19 06:05:25 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	382132	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	382986	50.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	245367	50.00	ug/L	0.03

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78992	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.48%
7) Chloroethane-d5	1.58	69	62829	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.74%
11) 1,1-Dichloroethene-d2	2.12	63	101298	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.38%
21) 2-Butanone-d5	3.93	46	105836m	87.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.43%
24) Chloroform-d	4.38	84	193111	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	5.06	65	129539	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
32) Benzene-d6	5.08	84	400705	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
36) 1,2-Dichloropropane-d6	6.09	67	113356	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.26%
41) Toluene-d8	7.34	98	394726	43.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.28%
43) trans-1,3-Dichloropropene-	7.64	79	56937	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.12%
47) 2-Hexanone-d5	8.12	63	100519	82.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.04%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	167262	41.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	224990	45.68	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.40	83	30277	6.750	ug/L	97
29) Cyclohexane	4.70	56	9114	2.651	ug/L #	86
31) Carbon tetrachloride	4.86	117	63149	17.008	ug/L	97
33) Benzene	5.13	78	19480623	2077.885	ug/L	100
35) Methylcyclohexane	6.15	83	6635m	1.646	ug/L	
46) Tetrachloroethene	8.00	164	6245	2.590	ug/L	98
48) 2-Hexanone	8.12	43	10450	4.454	ug/L #	77
51) Chlorobenzene	8.90	112	27143389m	3642.573	ug/L	
62) 1,3-Dichlorobenzene	11.21	146	6136312	830.850	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	30889137m	4017.952	ug/L	
65) 1,2-Dichlorobenzene	11.67	146	37226812m	4745.494	ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	10290	1.761	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	18514656m	3440.509	ug/L	
70) 1,2,3-Trichlorobenzene	13.77	180	4938963	934.190	ug/L	98

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

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