

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015039.D
 Acq On : 19 Mar 2020 01:39
 Operator : SY/MD
 Sample : L1941-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DL9

Manual Integrations
 APPROVED

sam
 3/19/2020 11:31:04 AM

Quant Time: Mar 19 06:48:05 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	350153	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.92	117	350134	50.00	ug/L	0.04
60) 1,4-Dichlorobenzene-d4	11.30	152	238758	50.00	ug/L	0.03

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83324	50.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.86%
7) Chloroethane-d5	1.58	69	66391	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.50%
11) 1,1-Dichloroethene-d2	2.12	63	107497	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.88%
21) 2-Butanone-d5	3.93	46	97759	88.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.14%
24) Chloroform-d	4.38	84	264837	63.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.46%#
26) 1,2-Dichloroethane-d4	5.07	65	131127	49.73	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
32) Benzene-d6	5.09	84	413081	49.72	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
36) 1,2-Dichloropropane-d6	6.10	67	120162	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.34	98	424341	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%
43) trans-1,3-Dichloropropene-	7.64	79	61387	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.48%
47) 2-Hexanone-d5	8.13	63	109570	97.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186060	50.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.72%
64) 1,2-Dichlorobenzene-d4	11.68	152	237682	49.59	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	13111m	14.213	ug/L	
25) Chloroform	4.41	83	1583328	385.220	ug/L	99
29) Cyclohexane	4.71	56	21419	6.814	ug/L	96
31) Carbon tetrachloride	4.86	117	386428	113.841	ug/L	97
33) Benzene	5.13	78	34493370m	4024.417	ug/L	
34) Trichloroethene	5.94	95	5905	2.543	ug/L	88
35) Methylcyclohexane	6.16	83	9433m	2.560	ug/L	
38) Bromodichloromethane	6.53	83	14029	4.641	ug/L	95
42) Toluene	7.41	91	19638	2.027	ug/L	94
46) Tetrachloroethene	8.00	164	6271	2.844	ug/L	91
49) Dibromochloromethane	8.27	129	5962	2.270	ug/L	79
51) Chlorobenzene	8.90	112	51487226m	7557.746	ug/L	
62) 1,3-Dichlorobenzene	11.21	146	11208488	1559.626	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	33955521m	4539.077	ug/L	
65) 1,2-Dichlorobenzene	11.68	146	37360232m	4894.331	ug/L	
67) 1,3,5-Trichlorobenzene	12.67	180	17546	3.086	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	18751717m	3581.016	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.77	180	6420556	1248.045	ug/L	98

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

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