

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080319\
 Data File : VU033586.D
 Acq On : 03 Aug 2019 12:27
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Aug 05 07:02:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 06:49:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	332250	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	320990	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	154109	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	109702	47.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.02%
7) Chloroethane-d5	1.67	69	98829	40.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.30%
11) 1,1-Dichloroethene-d2	2.26	63	150203	33.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.82%
21) 2-Butanone-d5	4.15	46	171032	93.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.63%
24) Chloroform-d	4.62	84	196223	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
26) 1,2-Dichloroethane-d4	5.29	65	126859	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
32) Benzene-d6	5.32	84	403642	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.31	67	129127	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.00%
41) Toluene-d8	7.55	98	366375	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%
43) trans-1,3-Dichloropropene-	7.83	79	62003	47.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.42%
47) 2-Hexanone-d5	8.30	63	124498	96.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188729	45.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	145851	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.46	76	11679	1.748	ug/L	96
17) trans-1,2-Dichloroethene	2.97	96	1815	0.770	ug/L	94
42) Toluene	7.62	91	4125	0.393	ug/L	93
46) Tetrachloroethene	8.21	164	1206	0.587	ug/L	86
51) Chlorobenzene	9.10	112	4145	0.603	ug/L	99
52) Ethylbenzene	9.23	91	5030	0.450	ug/L	92
53) m,p-Xylene	9.36	106	2205	0.518	ug/L	64
55) Styrene	9.78	104	3865	0.542	ug/L	100
56) Isopropylbenzene	10.15	105	5182	0.477	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	6830	1.353	ug/L	93
63) 1,4-Dichlorobenzene	11.49	146	8518	1.642	ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	5965	1.178	ug/L #	86
66) 1,2-Dibromo-3-chloropropan	12.65	75	1211	1.240	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	7216	1.855	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	8527	2.611	ug/L	100
69) Naphthalene	13.73	128	32964	3.478	ug/L	97
70) 1,2,3-Trichlorobenzene	13.98	180	9289	2.657	ug/L	96

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

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