

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061219\
 Data File : VU032651.D
 Acq On : 12 Jun 2019 14:56
 Operator : JC/SP
 Sample : K3293-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8P3

Quant Time: Jun 13 05:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 05:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	169624	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	163736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88259	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46437	42.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.40%
7) Chloroethane-d5	1.66	69	39546	44.72	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.44%
11) 1,1-Dichloroethene-d2	2.26	63	88751	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
21) 2-Butanone-d5	4.17	46	96110	104.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.36%
24) Chloroform-d	4.64	84	97799	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	5.30	65	65903	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.33	84	189877	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
36) 1,2-Dichloropropane-d6	6.32	67	62776	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.20%
41) Toluene-d8	7.56	98	175293	43.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.98%
43) trans-1,3-Dichloropropene-	7.85	79	30799	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.56%
47) 2-Hexanone-d5	8.31	63	67603	104.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	101073	52.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	81813	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	56466	38.255	ug/L	100
8) Chloroethane	1.68	64	46951	53.513	ug/L	100
12) 1,1-Dichloroethene	2.27	96	34886	34.661	ug/L	92
14) Carbon disulfide	2.47	76	168351	55.049	ug/L	98
15) Methyl Acetate	2.61	43	92718	68.338	ug/L	100
16) Methylene chloride	2.69	84	39727	34.591	ug/L	97
18) Methyl tert-butyl Ether	2.99	73	152658	42.603	ug/L	98
19) 1,1-Dichloroethane	3.44	63	45955	23.112	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	26201	21.226	ug/L	95
27) 1,2-Dichloroethane	5.40	62	107462	66.251	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	79589	42.939	ug/L	97
34) Trichloroethene	6.18	95	86794	69.346	ug/L	99
37) 1,2-Dichloropropane	6.42	63	32093	26.316	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	99808	50.873	ug/L	100
42) Toluene	7.63	91	157353	31.232	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	30001	17.567	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	49822	43.202	ug/L	98

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46) Tetrachloroethene	8.22	164	38206	36.959	ug/L	99
48) 2-Hexanone	8.36	43	85431	53.016	ug/L	97
50) 1,2-Dibromoethane	8.58	107	53478	41.198	ug/L	99
51) Chlorobenzene	9.11	112	170126	52.411	ug/L	99
52) Ethylbenzene	9.24	91	346953	61.780	ug/L	99
53) m,p-Xylene	9.37	106	89577	41.947	ug/L	96
54) o-xylene	9.77	106	44125	20.811	ug/L	99
55) Styrene	9.79	104	123326	34.841	ug/L	99
56) Isopropylbenzene	10.16	105	231173	41.348	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	150676	76.446	ug/L	100
61) Bromoform	9.95	173	22015	20.921	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	55742	20.876	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	113204	41.468	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	173687	64.338	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	40490	89.145	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	76333	41.674	ug/L	99

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

