

Data File : VU032527.D
Acq On : 07 Jun 2019 03:39
Operator : JC/SP
Sample : K3215-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8H9

Quant Time: Jun 07 23:20:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	240182	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	243060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143169	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44507	28.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.12%#
7) Chloroethane-d5	1.67	69	40879	32.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.28%#
11) 1,1-Dichloroethene-d2	2.27	63	81172	26.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.20%#
21) 2-Butanone-d5	4.17	46	157211	120.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.56%
24) Chloroform-d	4.64	84	122518	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	5.30	65	86077	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.33	84	237649	37.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.32%
36) 1,2-Dichloropropane-d6	6.32	67	82045	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.94%
41) Toluene-d8	7.56	98	236340	39.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.00%#
43) trans-1,3-Dichloropropene-	7.85	79	41126	43.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.86%
47) 2-Hexanone-d5	8.31	63	131047	136.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.54%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	150684	52.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	128630	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.28	96	8656	6.074 ug/L #	1
13) Acetone	2.31	43	11634100	8646.416 ug/L	99
14) Carbon disulfide	2.47	76	11319	2.614 ug/L	98
16) Methylene chloride	2.69	84	81828	50.319 ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	2000	1.295 ug/L	89
19) 1,1-Dichloroethane	3.44	63	109825	39.009 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	37357	21.374 ug/L	94
22) 2-Butanone	4.25	43	308047	193.705 ug/L	97
27) 1,2-Dichloroethane	5.40	62	17945	7.813 ug/L #	94
29) Cyclohexane	4.99	56	8690	3.006 ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	113174	41.131 ug/L	98
33) Benzene	5.38	78	422674	61.892 ug/L	100
34) Trichloroethene	6.18	95	181198	97.524 ug/L	98
35) Methylcyclohexane	6.41	83	8139	2.706 ug/L #	1
37) 1,2-Dichloropropane	6.43	63	28909	15.969 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	3452437	1185.427 ug/L	99
42) Toluene	7.63	91	2259411	302.096 ug/L	98

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46) Tetrachloroethene	8.22	164	32643	21.272	ug/L	98
48) 2-Hexanone	8.36	43	498885	208.555	ug/L	93
50) 1,2-Dibromoethane	8.58	107	2011	1.044	ug/L #	83
51) Chlorobenzene	9.12	112	17889	3.713	ug/L #	90
52) Ethylbenzene	9.24	91	480435	57.629	ug/L	99
53) m,p-Xylene	9.37	106	667024	210.415	ug/L	96
54) o-xylene	9.77	106	588002	186.817	ug/L	96
56) Isopropylbenzene	10.16	105	187544	22.597	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	3214	0.726	ug/L #	51

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

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