

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060619\
 Data File : VU032525.D
 Acq On : 07 Jun 2019 02:53
 Operator : JC/SP
 Sample : K3215-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J8

Quant Time: Jun 07 07:35:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 07:01:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	204887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41472	29.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.62%#
7) Chloroethane-d5	1.68	69	38719	34.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.26%#
11) 1,1-Dichloroethene-d2	2.26	63	70913	26.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.06%#
21) 2-Butanone-d5	4.17	46	140793	120.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.94%
24) Chloroform-d	4.64	84	109479	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.30	65	75738	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.33	84	219229	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
36) 1,2-Dichloropropane-d6	6.32	67	74433	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.26%
41) Toluene-d8	7.56	98	213061	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%
43) trans-1,3-Dichloropropene-	7.85	79	34362	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.10%
47) 2-Hexanone-d5	8.31	63	106491	131.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.63%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128802	53.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	112360	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	25401	13.614	ug/L #	27
13) Acetone	2.32	43	2046428	1703.637	ug/L	99
16) Methylene chloride	2.69	84	2663	1.834	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	6865	4.979	ug/L	98
19) 1,1-Dichloroethane	3.44	63	31172	12.402	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	18683	11.974	ug/L	96
22) 2-Butanone	4.26	43	47715	33.609	ug/L	99
33) Benzene	5.38	78	189207	32.868	ug/L	100
34) Trichloroethene	6.18	95	12943	8.264	ug/L	96
35) Methylcyclohexane	6.41	83	1888	0.745	ug/L #	86
37) 1,2-Dichloropropane	6.43	63	9889	6.480	ug/L #	96
40) 4-Methyl-2-pentanone	7.45	43	481828	196.264	ug/L	99
42) Toluene	7.63	91	599274	95.055	ug/L	99
46) Tetrachloroethene	8.22	164	5214	4.031	ug/L	99
51) Chlorobenzene	9.12	112	26694	6.572	ug/L	98
52) Ethylbenzene	9.24	91	225104	32.033	ug/L	98
53) m,p-Xylene	9.37	106	248943	93.161	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-xylene	9.77	106	151705	57.179	uq/L	99
56) Isopropylbenzene	10.16	105	88801	12.693	uq/L	99
63) 1,4-Dichlorobenzene	11.50	146	4920	1.324	uq/L #	92

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

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