

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030840.D
 Acq On : 07 Apr 2019 06:51
 Operator : JC/SP
 Sample : K2249-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE6

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 9:29:06 AM

Quant Time: Apr 09 01:27:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 07:03:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	479357	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463885	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219303	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	219689	51.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.68%
7) Chloroethane-d5	1.68	69	164518	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.32%
11) 1,1-Dichloroethene-d2	2.27	63	364525	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.20%
21) 2-Butanone-d5	4.17	46	348115	102.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.65%
24) Chloroform-d	4.64	84	315362	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
26) 1,2-Dichloroethane-d4	5.30	65	225686	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
32) Benzene-d6	5.33	84	669590	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
36) 1,2-Dichloropropane-d6	6.32	67	232128	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.04%
41) Toluene-d8	7.56	98	569846	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%
43) trans-1,3-Dichloropropene-	7.85	79	90607	42.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.64%
47) 2-Hexanone-d5	8.31	63	192515	90.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313292	50.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	210380	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	807608	153.184	ug/L	98
8) Chloroethane	1.69	64	482019	160.299	ug/L	99
12) 1,1-Dichloroethene	2.28	96	114211m	34.468	ug/L	
13) Acetone	2.32	43	15201	4.380	ug/L	100
15) Methyl Acetate	2.62	43	7003	1.301	ug/L	94
17) trans-1,2-Dichloroethene	2.98	96	42764	12.155	ug/L	99
19) 1,1-Dichloroethane	3.44	63	7193808	990.790	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	6846383	1762.367	ug/L	98
27) 1,2-Dichloroethane	5.41	62	16126	2.895	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	3021037	534.380	ug/L	100
33) Benzene	5.39	78	19118	1.259	ug/L	100
34) Trichloroethene	6.19	95	7457	2.003	ug/L	95
35) Methylcyclohexane	6.41	83	3927m	0.683	ug/L	
40) 4-Methyl-2-pentanone	7.47	43	8328	1.205	ug/L	96
42) Toluene	7.63	91	532629	34.373	ug/L	99
46) Tetrachloroethene	8.22	164	16334	6.034	ug/L	88
52) Ethylbenzene	9.25	91	360474	21.342	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.37	106	427140	72.509	ug/L	95
54) o-xylene	9.77	106	255448	43.595	ug/L	99
56) Isopropylbenzene	10.16	105	42179	2.734	ug/L	99

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

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