

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U030420\
 Data File : VU037058.D
 Acq On : 04 Mar 2020 23:41
 Operator : JC/MD
 Sample : L1780-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF9

Manual Integrations
 APPROVED

sam
 3/5/2020 3:34:39 PM

Quant Time: Mar 05 03:41:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 02:52:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258934	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	276128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	140328	50.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90930	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.92	69	86425	48.04	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	2.59	63	120008	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	4.67	46	146109	100.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.17%
24) Chloroform-d	5.10	84	180509	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.72%
26) 1,2-Dichloroethane-d4	5.74	65	113079	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.77	84	357389	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
36) 1,2-Dichloropropane-d6	6.72	67	115209	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.06%
41) Toluene-d8	7.93	98	319884	43.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.36%
43) trans-1,3-Dichloropropene-	8.20	79	48493	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
47) 2-Hexanone-d5	8.66	63	107130	84.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.69%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	164493	45.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	134116	48.89	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	3454	1.367	ug/L	99
13) Acetone	2.65	43	6560	4.372	ug/L	96
25) Chloroform	5.13	83	417041	123.810	ug/L	100
29) Cyclohexane	5.42	56	7085	1.934	ug/L	96
33) Benzene	5.81	78	23003086m	2636.968	ug/L	
34) Trichloroethene	6.57	95	3248	1.515	ug/L	99
35) Methylcyclohexane	6.79	83	4709	1.267	ug/L #	76
38) Bromodichloromethane	7.13	83	2893	1.043	ug/L #	89
46) Tetrachloroethene	8.57	164	1585	1.122	ug/L	93
49) Dibromochloromethane	8.83	129	3635	1.834	ug/L	86
51) Chlorobenzene	9.47	112	23776041m	4317.656	ug/L	
61) Bromoform	10.31	173	7515	4.737	ug/L #	99
62) 1,3-Dichlorobenzene	11.77	146	5893077	1294.547	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	23553431m	5236.966	ug/L	
65) 1,2-Dichlorobenzene	12.24	146	24205420m	5325.423	ug/L	
68) 1,2,4-trichlorobenzene	13.88	180	7946566	3670.730	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	2364478	1092.978	ug/L	99

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

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