

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036184.D
 Acq On : 13 Dec 2019 06:05
 Operator : JC/MD
 Sample : K6240-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQW5

Quant Time: Dec 13 08:16:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 04:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	257691	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	285794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	114044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	109196	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	104890	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.59	63	112890	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.69	46	221477	52.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.58%
24) Chloroform-d	5.11	84	182551	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.75	65	94333	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	333928	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.73	67	107381	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.93	98	270568	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.21	79	35014	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	8.67	63	163443	44.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.48%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	97987	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	107475	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	53738	1.561	ug/L 100
8) Chloroethane	1.95	64	22754	1.074	ug/L 96
13) Acetone	2.67	43	86339	23.656	ug/L 99
15) Methyl Acetate	3.00	43	2751	0.354	ug/L # 61
16) Methylene chloride	3.08	84	5662	0.209	ug/L 89
19) 1,1-Dichloroethane	3.92	63	104387	2.817	ug/L 98
21) 2-Butanone	4.77	43	10126	2.081	ug/L 94
22) cis-1,2-Dichloroethene	4.72	96	75910	3.661	ug/L 97
25) Chloroform	5.13	83	28975	0.740	ug/L 95
29) 1,1,1-Trichloroethane	5.36	97	37975	1.084	ug/L 99
33) Benzene	5.82	78	73124	0.832	ug/L 100
34) Trichloroethene	6.58	95	6120	0.272	ug/L 90
38) Bromodichloromethane	7.14	83	3582	0.124	ug/L 95
42) Toluene	8.00	91	32605	0.350	ug/L 100
51) Chlorobenzene	9.47	112	11819	0.195	ug/L 99
52) Ethylbenzene	9.60	91	6967	0.077	ug/L 86
53) m,p-Xylene	9.72	106	7005	0.197	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.13	106	4674	0.138	uq/L	91
63) 1,4-Dichlorobenzene	11.86	146	4119	0.112	uq/L	84
65) 1,2-Dichlorobenzene	12.23	146	5285	0.146	uq/L #	94

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

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