

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121119\
 Data File : VU036133.D
 Acq On : 11 Dec 2019 15:10
 Operator : JC/MD
 Sample : K6167-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX1

Quant Time: Dec 12 07:41:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 12 06:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	297571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	322139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	124178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	131199	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.93	69	126676	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.59	63	140622	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.70	46	264180	58.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.90%
24) Chloroform-d	5.11	84	213110	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.75	65	104753	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.77	84	396596	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.73	67	128048	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.93	98	323155	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.21	79	45299	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.68	63	196432	52.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.94%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	112067	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	123611	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	35449	1.190	ug/L	87
8) Chloroethane	1.95	64	19030	0.839	ug/L	98
13) Acetone	2.68	43	174814	30.470	ug/L	99
16) Methylene chloride	3.08	84	9860	0.328	ug/L	95
19) 1,1-Dichloroethane	3.92	63	74383	1.875	ug/L	98
21) 2-Butanone	4.78	43	13420	2.337	ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	72691	3.134	ug/L	89
25) Chloroform	5.14	83	60793	1.375	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	36585	1.008	ug/L	96
33) Benzene	5.82	78	89451	1.016	ug/L	100
34) Trichloroethene	6.58	95	3396	0.145	ug/L	87
38) Bromodichloromethane	7.14	83	7908	0.266	ug/L	94
42) Toluene	8.00	91	19702	0.209	ug/L	91
51) Chlorobenzene	9.48	112	338647	5.146	ug/L	96
53) m,p-Xylene	9.72	106	5754	0.146	ug/L	92
54) o-Xylene	10.13	106	5632	0.152	ug/L	95
55) Styrene	10.14	104	8377	0.132	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	10.51	105	35207	0.361	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	2682	0.066	ug/L	93
63) 1,4-Dichlorobenzene	11.86	146	10644	0.266	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	9255	0.231	ug/L	91

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

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