

Data File : VU036185.D
Acq On : 13 Dec 2019 06:30
Operator : JC/MD
Sample : K6240-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 13 08:19:47 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	253185	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	275762	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110208	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105403	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.93	69	103444	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.59	63	111394	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.69	46	218166	52.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.86%
24) Chloroform-d	5.11	84	182865	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	91955	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.77	84	329479	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.73	67	106738	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.93	98	268858	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.21	79	33087	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.67	63	159456	45.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.46%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96133	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	108628	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

					Qvalue
5) Vinyl chloride	1.62	62	52315	1.547 ug/L	97
8) Chloroethane	1.95	64	22433	1.078 ug/L	98
13) Acetone	2.68	43	77841	21.707 ug/L	99
15) Methyl Acetate	2.99	43	2518	0.329 ug/L #	56
16) Methylene chloride	3.08	84	5405	0.203 ug/L	89
19) 1,1-Dichloroethane	3.92	63	101279	2.782 ug/L	98
21) 2-Butanone	4.78	43	9135m	1.911 ug/L	
22) cis-1,2-Dichloroethene	4.72	96	72791	3.573 ug/L	91
25) Chloroform	5.14	83	102910	2.674 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	37161	1.099 ug/L	99
33) Benzene	5.82	78	65245	0.769 ug/L	100
34) Trichloroethene	6.58	95	4950	0.228 ug/L	96
38) Bromodichloromethane	7.14	83	12057	0.432 ug/L	98
42) Toluene	8.00	91	30366	0.338 ug/L	96
51) Chlorobenzene	9.48	112	19051	0.326 ug/L	97
52) Ethylbenzene	9.60	91	6464	0.074 ug/L	90
53) m,p-Xylene	9.72	106	6962	0.203 ug/L	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.13	106	5072	0.155	ug/L	73
63) 1,4-Dichlorobenzene	11.86	146	3698	0.104	ug/L #	89
65) 1,2-Dichlorobenzene	12.23	146	4618	0.132	ug/L	95

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

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