

Data File : VU035998.D
Acq On : 05 Dec 2019 16:46
Operator : JC/SP
Sample : K6105-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 06 01:49:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 00:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	278013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	301580	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	91169	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123785	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.93	69	107507	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.60	63	389628	8.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	171.20%#
20) 2-Butanone-d5	4.69	46	248230	44.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.46%
24) Chloroform-d	5.11	84	198738	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.75	65	107275	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.77	84	391594	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.73	67	126947	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.93	98	321444	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.21	79	45919	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.68	63	197128	42.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105182	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	95911	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	90734	4.246	ug/L	94
12) 1,1-Dichloroethene	2.61	96	477136	23.948	ug/L #	71
13) Acetone	2.67	43	6598	1.300	ug/L	92
17) Methyl tert-butyl Ether	3.42	73	25796	0.553	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	2742m	0.130	ug/L	
19) 1,1-Dichloroethane	3.92	63	134442	3.260	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	273394	12.266	ug/L	91
25) Chloroform	5.14	83	25869	0.622	ug/L	95
27) 1,2-Dichloroethane	5.84	62	8880	0.334	ug/L	95
29) 1,1,1-Trichloroethane	5.36	97	271929	7.455	ug/L	98
31) Carbon tetrachloride	5.56	117	3300	0.102	ug/L	93
34) Trichloroethene	6.58	95	3475839	144.929	ug/L	96
45) 1,1,2-Trichloroethane	8.44	97	2741	0.157	ug/L	91
47) Tetrachloroethene	8.58	164	640002	32.833	ug/L	95

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

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