

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026777.D
 Acq On : 15 Sep 2018 14:57
 Operator : MD/SY
 Sample : J4864-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D11

Quant Time: Sep 18 07:58:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 07:09:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	131527	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	113843	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44561	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.68	69	37578	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.27	63	67088	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.23	46	106473	48.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.65	84	77070	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	42266	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.34	84	161359	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	51042	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.57	98	138955	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.85	79	18729	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.33	63	74044	49.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.78%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	38287	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	55456	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	6200	0.430	ug/L	85
12) 1,1-Dichloroethene	2.28	96	6286	0.641	ug/L	# 1
14) Carbon disulfide	2.48	76	14613	0.429	ug/L	97
16) Methylene chloride	2.70	84	10282	0.863	ug/L	100
19) 1,1-Dichloroethane	3.45	63	2920	0.145	ug/L	98
21) 2-Butanone	4.31	43	44065	13.604	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	24877	2.138	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	30685	1.872	ug/L	97
34) Trichloroethene	6.18	95	294087	27.083	ug/L	99
35) Methylcyclohexane	6.40	83	3831	0.217	ug/L	95
42) Toluene	7.64	91	7364	0.171	ug/L	100
47) Tetrachloroethene	8.22	164	2421	0.256	ug/L	94
52) Ethylbenzene	9.25	91	9922	0.230	ug/L	94
53) m,p-xylene	9.38	106	15750	0.953	ug/L	97
54) o-xylene	9.78	106	5219	0.330	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	3051	0.128	ug/L	93

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

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