

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035081.D
 Acq On : 11 Oct 2019 11:35
 Operator : JC/SP
 Sample : K5310-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IW-2-001-02

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 6:05:27 AM

Quant Time: Oct 12 02:12:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 01:49:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	156369	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69475	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37647	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.67	69	37598	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.26	63	55188	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.19	46	173318	63.67	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.34%
24) Chloroform-d	4.62	84	92675	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.29	65	52235	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.31	84	168868	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.31	67	63849	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.55	98	141568	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.84	79	19366	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.30	63	125554	58.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59433	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	61798	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	144955	9.414	ug/L	99
14) Carbon disulfide	2.59	76	239599m	7.168	ug/L	
18) trans-1,2-Dichloroethene	2.96	96	158747	14.761	ug/L	91
22) cis-1,2-Dichloroethene	4.20	96	11218	0.935	ug/L	87
34) Trichloroethene	6.17	95	7917	0.636	ug/L	98
42) Toluene	7.62	91	13247	0.263	ug/L	97
47) Tetrachloroethene	8.21	164	3773	0.375	ug/L	93
51) Chlorobenzene	9.10	112	68720	2.106	ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	2410	0.113	ug/L	80

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

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