

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035099.D
 Acq On : 11 Oct 2019 19:09
 Operator : JC/SP
 Sample : K5310-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 6:05:51 AM

Quant Time: Oct 12 04:11:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	163094	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	167802	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56671	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.67	69	51024	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.26	63	79321	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.19	46	131810	46.43	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	4.62	84	102502	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.29	65	56887	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.32	84	198087	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.31	67	69481	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.55	98	170884	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.84	79	19791	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.30	63	111688	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57638	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	64623	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Ovalue
3) Chloromethane	1.32	50	2196	0.134 ug/L	99
5) Vinyl chloride	1.40	62	145418	9.054 ug/L	99
14) Carbon disulfide	2.61	76	206359m	5.919 ug/L	
18) trans-1,2-Dichloroethene	2.96	96	159199	14.193 ug/L	92
22) cis-1,2-Dichloroethene	4.20	96	10894	0.871 ug/L	97
42) Toluene	7.62	91	13919	0.264 ug/L	93
51) Chlorobenzene	9.10	112	67002	1.960 ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	2560	0.111 ug/L	96

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

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