

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040228.D
 Acq On : 21 Sep 2020 11:40
 Operator : SY/MD
 Sample : L4063-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH6

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 4:40:51 PM

Quant Time: Sep 22 07:29:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30177	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.92	69	28294	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	53109	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.66	46	147121	52.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.84%
24) Chloroform-d	5.08	84	75647	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	47412	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.74	84	135539	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	45731	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.90	98	106605	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.18	79	19087	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	103831	49.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42589	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	45286	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	15351m	5.965	ug/L	
15) Methyl Acetate	2.97	43	2458	0.381	ug/L	# 87
21) 2-Butanone	4.74	43	3572	0.850	ug/L	93
25) Chloroform	5.11	83	3196	0.143	ug/L	100
33) Benzene	5.79	78	2527	0.056	ug/L	100
42) Toluene	7.97	91	10229	0.222	ug/L	93
53) m,p-Xylene	9.69	106	2057	0.110	ug/L	80
55) Styrene	10.11	104	5430	0.175	ug/L	98

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

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