

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040400.D
 Acq On : 30 Sep 2020 15:40
 Operator : SY/MD
 Sample : L4186-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F1

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 5:44:02 PM

Quant Time: Oct 01 03:54:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136975	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62381	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29972	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	26310	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	45284	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.66	46	159174	47.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.50%
24) Chloroform-d	5.08	84	71206	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.72	65	42749	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.74	84	119748	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.70	67	44650	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.91	98	93673	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	8.19	79	16642	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.64	63	104822	42.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42442	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44539	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	433679	32.755	ug/L	98
13) Acetone	2.66	43	2394	0.853	ug/L	72
14) Carbon disulfide	2.81	76	2581	0.078	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	5411	0.502	ug/L	94
19) 1,1-Dichloroethane	3.88	63	2224m	0.100	ug/L	
22) cis-1,2-Dichloroethene	4.69	96	62093	5.204	ug/L	98
33) Benzene	5.79	78	4305	0.092	ug/L	100
51) Chlorobenzene	9.45	112	1917	0.062	ug/L #	86
53) m,p-Xylene	9.69	106	2561	0.132	ug/L	82

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

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