

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080820\
 Data File : VU039803.D
 Acq On : 08 Aug 2020 11:44
 Operator : SY/MD
 Sample : L3590-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L17

Quant Time: Aug 10 04:55:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 10 01:16:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	67898	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65868	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32694	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14322	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.92	69	16165	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.57	63	27108	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.72	46	86141	53.42	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.84%
24) Chloroform-d	5.08	84	40234	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.72	65	26410	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.74	84	70658	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.71	67	26574	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.90	98	53387	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.19	79	8838	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.65	63	57962	52.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24570	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	28332	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.60	62	3978	0.721	ug/L	# 67
13) Acetone	2.74	43	24039	25.286	ug/L	64
18) trans-1,2-Dichloroethene	3.36	96	2217	0.492	ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	1416	0.289	ug/L	99
25) Chloroform	5.11	83	2416	0.270	ug/L	80
33) Benzene	5.79	78	6746	0.376	ug/L	100
34) Trichloroethene	6.55	95	2035	0.437	ug/L	95
40) 4-Methyl-2-pentanone	7.81	43	11884	3.336	ug/L	96
42) Toluene	7.97	91	5609	0.297	ug/L	88
52) Ethylbenzene	9.57	91	1749	0.083	ug/L	95
53) m,p-Xylene	9.69	106	2042	0.254	ug/L	99

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

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