

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038163.D
 Acq On : 14 May 2020 12:51
 Operator : JC/MD
 Sample : L2630-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX13

Quant Time: May 15 01:45:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	347948	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	338499	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161195	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112292	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.93	69	111270	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.59	63	157585	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.67	46	454381	57.86	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.72%
24) Chloroform-d	5.10	84	222050	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	131545	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.76	84	457341	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.72	67	153026	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.92	98	394509	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.20	79	56859	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.65	63	368349	59.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	129428	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	153134	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	51604	1.373	ug/L	97
12) 1,1-Dichloroethene	2.61	96	7714	0.319	ug/L #	1
17) Methyl tert-butyl Ether	3.40	73	8086	0.121	ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	6464	0.245	ug/L	96
19) 1,1-Dichloroethane	3.91	63	163935	3.184	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	238895	8.409	ug/L	100
25) Chloroform	5.12	83	91993	1.916	ug/L	97
27) 1,2-Dichloroethane	5.83	62	18385	0.542	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	48264	1.244	ug/L	99
30) Cyclohexane	5.43	56	7339	0.160	ug/L	91
33) Benzene	5.81	78	40323	0.372	ug/L	100
34) Trichloroethene	6.57	95	10456	0.386	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	8372	0.409	ug/L	96
51) Chlorobenzene	9.47	112	68080	0.959	ug/L	99
54) o-Xylene	10.12	106	6620	0.144	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	8659	0.165	ug/L	89
63) 1,4-Dichlorobenzene	11.85	146	13190	0.248	ug/L	99

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65) 1,2-Dichlorobenzene	12.22	146	5807	0.115	ug/L #	85
68) 1,2,4-trichlorobenzene	13.86	180	7076	0.205	ug/L	91
70) 1,2,3-Trichlorobenzene	14.36	180	5538	0.173	ug/L	96

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

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