

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038147.D
 Acq On : 13 May 2020 16:40
 Operator : JC/MD
 Sample : L2630-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX13

Quant Time: May 14 02:29:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369858	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	355179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	172990	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	127322	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.93	69	121004	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.59	63	173611	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.66	46	484646	58.06	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.12%
24) Chloroform-d	5.10	84	235791	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.74	65	143219	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.76	84	500935	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.72	67	168330	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	444998	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.20	79	62847	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.65	63	393906	60.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	141773	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	166568	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	53739	1.345 ug/L	99
12) 1,1-Dichloroethene	2.60	96	8830	0.344 ug/L #	1
13) Acetone	2.66	43	5666	1.082 ug/L	88
17) Methyl tert-butyl Ether	3.40	73	8243	0.116 ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	6492	0.232 ug/L	94
19) 1,1-Dichloroethane	3.91	63	166619	3.044 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	243995	8.080 ug/L	99
25) Chloroform	5.13	83	92467	1.811 ug/L	98
27) 1,2-Dichloroethane	5.83	62	18785	0.521 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	49093	1.206 ug/L	95
30) Cyclohexane	5.43	56	7789	0.162 ug/L	88
33) Benzene	5.81	78	39104	0.344 ug/L	100
34) Trichloroethene	6.57	95	10804	0.380 ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	8867	0.413 ug/L	95
51) Chlorobenzene	9.47	112	72346	0.971 ug/L	98
54) o-Xylene	10.12	106	6490	0.135 ug/L	88
62) 1,3-Dichlorobenzene	11.76	146	9641	0.171 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.85	146	12779	0.224	ug/L	92
65) 1,2-Dichlorobenzene	12.22	146	6213	0.115	ug/L #	88
68) 1,2,4-trichlorobenzene	13.87	180	7986	0.216	ug/L	96
70) 1,2,3-Trichlorobenzene	14.36	180	5740	0.167	ug/L	95

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

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