

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038144.D
 Acq On : 13 May 2020 15:30
 Operator : JC/MD
 Sample : L2630-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX10

Quant Time: May 14 02:00:37 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	358706	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	350964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	180748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130576	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.93	69	123651	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	189377	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.67	46	479605	59.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.50%
24) Chloroform-d	5.10	84	229006	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	141312	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.76	84	500742	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	166878	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.92	98	445758	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	63827	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.65	63	392758	61.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144553	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	174811	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	613143	15.827	ug/L	98
12) 1,1-Dichloroethene	2.61	96	38633	1.552	ug/L #	59
13) Acetone	2.66	43	5660	1.114	ug/L	87
18) trans-1,2-Dichloroethene	3.39	96	9921	0.365	ug/L	77
19) 1,1-Dichloroethane	3.91	63	569720	10.733	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	917114	31.315	ug/L #	100
29) 1,1,1-Trichloroethane	5.35	97	1343312	33.407	ug/L	99
30) Cyclohexane	5.43	56	907671	19.118	ug/L	99
33) Benzene	5.81	78	17405	0.155	ug/L	100
34) Trichloroethene	6.57	95	4101	0.146	ug/L	93
42) Toluene	7.99	91	4183051	35.258	ug/L	99
48) 2-Hexanone	8.71	43	46734	3.016	ug/L #	95
51) Chlorobenzene	9.47	112	960101	13.040	ug/L	98
52) Ethylbenzene	9.59	91	1043250	8.118	ug/L	100
53) m,p-Xylene	9.71	106	730398	14.822	ug/L	97
54) o-Xylene	10.11	106	379790	7.971	ug/L	98
56) Isopropylbenzene	10.50	105	334445	2.733	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3-Dichlorobenzene	11.76	146	216171	3.676	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	373381	6.266	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	129759	2.293	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	97800	2.527	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	25294	0.703	ug/L	97

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

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