

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060520\
 Data File : VU038591.D
 Acq On : 06 Jun 2020 01:00
 Operator : SY/MD
 Sample : L2884-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD8

Quant Time: Jun 06 02:57:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 02:36:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.32	114	295187	5.00	ug/L	0.05
28) Chlorobenzene-d5	9.45	117	287612	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	154990	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.66	65	57354	3.00	ug/L	0.05
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	1.98	69	51402	3.50	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	2.64	63	89993	2.39	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.80%#
20) 2-Butanone-d5	4.81	46	333022	57.38	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.76%
24) Chloroform-d	5.17	84	163271	4.55	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.80	65	97367	4.78	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.82	84	317742	4.43	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.76	67	102645	4.65	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.94	98	266449	4.14	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.22	79	39467	4.16	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.68	63	264037	56.31	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96684	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	124161	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.67	62	28290	1.236	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.64	101	3887	0.217	ug/L	90
18) trans-1,2-Dichloroethene	3.43	96	2114	0.108	ug/L	92
19) 1,1-Dichloroethane	3.96	63	64734	1.846	ug/L	97
22) cis-1,2-Dichloroethene	4.77	96	107822	5.111	ug/L	100
27) 1,2-Dichloroethane	5.89	62	32370	1.291	ug/L	95
29) 1,1,1-Trichloroethane	5.42	97	6082	0.200	ug/L	98
30) Cyclohexane	5.48	56	94127	2.949	ug/L	95
33) Benzene	5.86	78	639868	7.978	ug/L	100
34) Trichloroethene	6.61	95	26370	1.267	ug/L	95
35) Methylcyclohexane	6.83	83	60771	1.886	ug/L #	83
42) Toluene	8.02	91	819026	9.736	ug/L	98
47) Tetrachloroethene	8.59	164	3979	0.263	ug/L	92
48) 2-Hexanone	8.73	43	24109	2.206	ug/L #	91
51) Chlorobenzene	9.47	112	413311	7.619	ug/L	99
52) Ethylbenzene	9.60	91	1924124	20.559	ug/L	100
53) m,p-Xylene	9.72	106	3760992	104.489	ug/L	96

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54) o-Xylene	10.12	106	2333148	67.524	ug/L	100
56) Isopropylbenzene	10.50	105	358786	3.945	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	20162	0.443	ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	57014	1.235	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	659920	15.261	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	17304	0.550	ug/L #	92
70) 1,2,3-Trichlorobenzene	14.36	180	6201	0.217	ug/L #	81

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

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