Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040437.D
Acq On : 01 Oct 2020 22:14
Operator : SY/MD
Sample : L4240-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 02 06:03:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125878	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	129879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68317	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23571	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.92	69	24662	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.58	63	40323	2.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.80%#			
20) 2-Butanone-d5	4.66	46	179602	58.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.04%			
24) Chloroform-d	5.09	84	69407	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.72	65	43700	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.75	84	116802	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.70	67	44335	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.91	98	90405	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	8.19	79	16171	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.64	63	117766	51.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.72%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43873	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51103	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	2029	0.167	ug/L #	77
14) Carbon disulfide	2.81	76	2312	0.076	ug/L	99
19) 1,1-Dichloroethane	3.88	63	2175	0.107	ug/L	95
30) Cyclohexane	5.41	56	23648	1.288	ug/L	98
33) Benzene	5.79	78	222674	5.114	ug/L	100
42) Toluene	7.97	91	7523	0.168	ug/L	96
51) Chlorobenzene	9.45	112	18793153m	650.983	ug/L	
52) Ethylbenzene	9.57	91	303806	6.270	ug/L	100
53) m,p-Xylene	9.69	106	93762	5.194	ug/L	97
54) o-Xylene	10.10	106	16767	0.987	ug/L	97
56) Isopropylbenzene	10.48	105	57614	1.257	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	353948	15.649	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	487981	20.742	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	28198	1.282	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	56226	4.334	ug/L	98

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

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