Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071720\
Data File : VU039560.D
Acq On : 17 Jul 2020 19:07
Operator : SY/MD
Sample : L3292-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT91

Quant Time: Jul 18 02:35:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 17 23:38:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	94998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	98224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44177	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	19736	3.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.80%			
7) Chloroethane-d5	1.93	69	23421	4.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.20%			
11) 1,1-Dichloroethene-d2	2.59	63	61072	5.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.80%			
20) 2-Butanone-d5	4.65	46	101274	40.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.40%			
24) Chloroform-d	5.08	84	50289	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	5.72	65	32452	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
32) Benzene-d6	5.75	84	96558	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.60%			
36) 1,2-Dichloropropane-d6	6.71	67	32019	3.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.00%			
41) Toluene-d8	7.91	98	86691	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	8.19	79	13168	3.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.80%			
46) 2-Hexanone-d5	8.64	63	71293	32.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 65.52%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31019	3.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	35041	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	784	0.136	ug/L	92
3) Chloromethane	1.53	50	879	0.126	ug/L #	79
5) Vinyl chloride	1.61	62	2426	0.313	ug/L #	79
9) Trichlorofluoromethane	2.15	101	6206	0.461	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	20339	3.685	ug/L	99
12) 1,1-Dichloroethene	2.59	96	51876	9.182	ug/L #	80
13) Acetone	2.66	43	4642	3.414	ug/L	67
14) Carbon disulfide	2.81	76	6935	0.348	ug/L	97
17) Methyl tert-butyl Ether	3.39	73	7767	0.436	ug/L #	86
19) 1,1-Dichloroethane	3.89	63	15647	1.279	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	74914	10.682	ug/L	99
25) Chloroform	5.11	83	7311	0.592	ug/L	95
29) 1,1,1-Trichloroethane	5.34	97	20402	1.763	ug/L	98
33) Benzene	5.79	78	7615	0.259	ug/L	100
34) Trichloroethene	6.56	95	622361	81.976	ug/L	98
47) Tetrachloroethene	8.56	164	1170652	221.676	ug/L	96

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

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