Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072320\
Data File : VV017611.D
Acq On : 23 Jul 2020 18:38
Operator : SY/MD
Sample : MDL06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 24 12:14:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 02:22:38 2020
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : MDL06

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	182222	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173536	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	84704	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	44966	5.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.40%			
7) Chloroethane-d5	1.58	69	34879	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.12	63	75362	3.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.20%			
20) 2-Butanone-d5	3.95	46	100226	48.15	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.30%			
24) Chloroform-d	4.37	84	104436	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.06	65	55074	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.07	84	194915	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.09	67	54327	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.34	98	177374	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
45) trans-1,3-Dichloropropene-	7.64	79	22580	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
48) 2-Hexanone-d5	8.12	63	68219	45.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.36%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37095	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	71008	5.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4704	0.236	ug/L	98
3) Chloromethane	1.25	50	3573	0.275	ug/L	98
5) Vinyl chloride	1.32	62	3412	0.262	ug/L #	57
6) Bromomethane	1.53	94	2058	0.246	ug/L	95
8) Chloroethane	1.59	64	2335	0.311	ug/L #	81
9) Trichlorofluoromethane	1.76	101	5631	0.242	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3093	0.284	ug/L	93
12) 1,1-Dichloroethene	2.13	96	2910	0.297	ug/L #	1
13) Acetone	2.24	43	3742m	2.296	ug/L	
14) Carbon disulfide	2.31	76	7684	0.258	ug/L #	89
16) Methylene chloride	2.52	84	4166	0.382	ug/L	97
17) Methyl tert-butyl Ether	2.78	73	6292	0.250	ug/L #	88
18) trans-1,2-Dichloroethene	2.78	96	2872	0.269	ug/L	94
19) 1,1-Dichloroethane	3.21	63	5831	0.259	ug/L	99
21) 2-Butanone	4.05	43	4988m	1.813	ug/L	
22) cis-1,2-Dichloroethene	3.94	96	3430	0.255	ug/L	78
23) Bromochloromethane	4.29	128	1640	0.264	ug/L	93

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Quant Time: Jul 24 12:14:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 24 02:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.40	83	7853	0.311	ug/L		85
27) 1,2-Dichloroethane	5.17	62	4175	0.255	ug/L		96
29) 1,1,1-Trichloroethane	4.63	97	5488	0.226	ug/L	#	86
30) Cyclohexane	4.69	56	2083	0.108	ug/L	#	18
31) Carbon tetrachloride	4.85	117	5613	0.260	ug/L		96
33) Benzene	5.13	78	12050	0.245	ug/L		100
34) Trichloroethene	5.94	95	3534	0.258	ug/L		92
35) Methylcyclohexane	6.15	83	4764	0.230	ug/L		97
37) 1,2-Dichloropropane	6.21	63	2738	0.237	ug/L	#	88
38) Bromodichloromethane	6.54	83	4331	0.255	ug/L		94
39) cis-1,3-Dichloropropene	7.05	75	3930	0.226	ug/L		94
40) 4-Methyl-2-pentanone	7.26	43	12900	2.038	ug/L	#	84
42) Toluene	7.41	91	11930	0.223	ug/L		92
43) 1,3,5-Trimethylbenzene	10.56	105	9729	0.194	ug/L		97
44) 1,2,4-Trimethylbenzene	10.94	105	9426	0.184	ug/L		99
46) trans-1,3-Dichloropropene	7.68	75	4248m	0.272	ug/L		
47) 1,1,2-Trichloroethane	7.87	97	2397	0.274	ug/L	#	88
49) Tetrachloroethene	8.00	164	2905	0.240	ug/L		94
50) 2-Hexanone	8.17	43	14739	3.291	ug/L		93
51) Dibromochloromethane	8.27	129	2799	0.251	ug/L		99
52) 1,2-Dibromoethane	8.38	107	2137	0.259	ug/L	#	84
53) Chlorobenzene	8.90	112	8661	0.242	ug/L		99
54) Ethylbenzene	9.04	91	13443	0.224	ug/L		95
55) m,p-xylene	9.16	106	4421	0.196	ug/L		78
56) o-xylene	9.56	106	4423	0.202	ug/L		84
57) Styrene	9.59	104	6772	0.185	ug/L		94
58) Isopropylbenzene	9.96	105	12474	0.206	ug/L		98
60) 1,1,2,2-Tetrachloroethane	10.27	83	2392	0.251	ug/L	#	92
62) Bromoform	9.76	173	1200	0.221	ug/L	#	74
63) 1,3-Dichlorobenzene	11.21	146	7193	0.264	ug/L		96
64) 1,4-Dichlorobenzene	11.30	146	7534	0.275	ug/L		89
66) 1,2-Dichlorobenzene	11.67	146	6402	0.258	ug/L	#	81
67) 1,2-Dibromo-3-chloropropan	12.45	75	477	0.307	ug/L	#	81
68) 1,3,5-Trichlorobenzene	12.67	180	5646	0.255	ug/L		95
69) 1,2,4-trichlorobenzene	13.29	180	4509	0.243	ug/L		89
70) Naphthalene	13.53	128	5125	0.198	ug/L	#	81
71) 1,2,3-Trichlorobenzene	13.77	180	3199	0.195	ug/L		84

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

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