Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018617.D
Acq On : 28 Sep 2020 13:28
Operator : JC/SP
Sample : VSTD0.563
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 29 00:36:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 00:09:07 2020
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : VSTD0.563

Manual Integrations APPROVED
MMDadoda
9/29/2020 9:43:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	250045	5.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	233864	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	114041	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	6825	0.52	ug/L		0.00
7) Chloroethane-d5	1.70	69	5800	0.53	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.35	63	14529	0.50	ug/L		0.00
20) 2-Butanone-d5	4.57	46	14811	4.44	ug/L		0.02
24) Chloroform-d	5.14	84	15363	0.50	ug/L		0.00
26) 1,2-Dichloroethane-d4	6.04	65	10284	0.57	ug/L		0.00
32) Benzene-d6	6.05	84	25625	0.47	ug/L		0.00
36) 1,2-Dichloropropane-d6	7.37	67	7916	0.48	ug/L		0.00
41) Toluene-d8	8.70	98	27428	0.51	ug/L		0.00
45) trans-1,3-Dichloropropene-	8.99	79	3684	0.50	ug/L		0.00
48) 2-Hexanone-d5	9.43	63	10733	4.10	ug/L		0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	6230	0.51	ug/L		0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	9633	0.52	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	7350	0.486	ug/L		99
3) Chloromethane	1.31	50	6756	0.523	ug/L		85
5) Vinyl chloride	1.39	62	6970	0.515	ug/L		98
6) Bromomethane	1.64	94	4926	0.609	ug/L		89
8) Chloroethane	1.72	64	3124m	0.411	ug/L		
9) Trichlorofluoromethane	1.92	101	11166	0.476	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	6643	0.516	ug/L		99
12) 1,1-Dichloroethene	2.36	96	6360	0.521	ug/L		88
13) Acetone	2.46	43	7825	4.237	ug/L		89
14) Carbon disulfide	2.55	76	19102	0.515	ug/L		97
15) Methyl Acetate	2.78	43	2654	0.519	ug/L	#	83
16) Methylene chloride	2.84	84	10552	0.633	ug/L		98
17) Methyl tert-butyl Ether	3.17	73	13308	0.490	ug/L		95
18) trans-1,2-Dichloroethene	3.14	96	6256	0.513	ug/L		93
19) 1,1-Dichloroethane	3.68	63	10604	0.485	ug/L		95
21) 2-Butanone	4.68	43	12942	4.415	ug/L	#	58
22) cis-1,2-Dichloroethene	4.57	96	6580	0.517	ug/L	#	66
23) Bromochloromethane	4.98	128	3127	0.512	ug/L	#	85
25) Chloroform	5.18	83	12151	0.508	ug/L		89
27) 1,2-Dichloroethane	6.15	62	7040	0.465	ug/L	#	81
29) 1,1,1-Trichloroethane	5.46	97	10551	0.474	ug/L	#	93
30) Cyclohexane	5.55	56	8394	0.474	ug/L		96
31) Carbon tetrachloride	5.75	117	9789	0.477	ug/L		99
33) Benzene	6.12	78	20789	0.461	ug/L		100
34) Trichloroethene	7.19	95	6378	0.489	ug/L	#	89
35) Methylcyclohexane	7.44	83	8369	0.461	ug/L		96
37) 1,2-Dichloropropane	7.49	63	6223	0.517	ug/L	#	86
38) Bromodichloromethane	7.88	83	7781	0.479	ug/L		86
39) cis-1,3-Dichloropropene	8.42	75	7947	0.466	ug/L		97
40) 4-Methyl-2-pentanone	8.62	43	29025	4.353	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	8.77	91	22149	0.455	ug/L		89
43) 1,3,5-Trimethylbenzene	11.49	105	16086	0.378	ug/L		98
44) 1,2,4-Trimethylbenzene	11.79	105	15924	0.374	ug/L		99
46) trans-1,3-Dichloropropene	9.02	75	7245	0.466	ug/L		94
47) 1,1,2-Trichloroethane	9.20	97	4649	0.538	ug/L		89
49) Tetrachloroethene	9.32	164	4843	0.471	ug/L		90
50) 2-Hexanone	9.48	43	19093	4.045	ug/L		97
51) Dibromochloromethane	9.56	129	5374	0.476	ug/L		93
52) 1,2-Dibromoethane	9.65	107	3805	0.473	ug/L	#	86
53) Chlorobenzene	10.12	112	15243	0.474	ug/L	#	87
54) Ethylbenzene	10.24	91	23019	0.434	ug/L		98
55) m,p-xylene	10.34	106	8970	0.442	ug/L		91
56) o-xylene	10.68	106	7961	0.415	ug/L		98
57) Styrene	10.70	104	12421	0.393	ug/L		95
58) Isopropylbenzene	11.00	105	20507	0.399	ug/L		97
60) 1,1,2,2-Tetrachloroethane	11.25	83	4558	0.467	ug/L	#	92
62) Bromoform	10.85	173	2610	0.430	ug/L	#	79
63) 1,3-Dichlorobenzene	12.01	146	11458	0.462	ug/L		92
64) 1,4-Dichlorobenzene	12.08	146	11952	0.477	ug/L		92
66) 1,2-Dichlorobenzene	12.38	146	10935	0.473	ug/L	#	80
67) 1,2-Dibromo-3-chloropropan	12.98	75	995	0.507	ug/L		94
68) 1,3,5-Trichlorobenzene	13.15	180	8696	0.467	ug/L		97
69) 1,2,4-trichlorobenzene	13.63	180	6707	0.440	ug/L		93
70) Naphthalene	13.82	128	11267	0.437	ug/L	#	95
71) 1,2,3-Trichlorobenzene	14.00	180	6045	0.438	ug/L		96

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

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