Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112118\
Data File : VR026259.D
Acq On : 21 Nov 2018 13:50
Operator : SY/MD
Sample : VSTD02081
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD02081

Manual Integrations APPROVED
MMDadoda
11/26/2018 9:21:24 AM

Quant Time: Nov 21 14:17:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 13:44:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	624583	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	547231	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	231368	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.17	65	955684	20.09	ug/L		0.00
7) Chloroethane-d5	2.63	69	798456	18.69	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.61	63	2401039	19.87	ug/L		-0.02
20) 2-Butanone-d5	6.59	46	955488	216.65	ug/L		0.00
24) Chloroform-d	7.20	84	1879700	20.16	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	729426	20.09	ug/L		0.00
32) Benzene-d6	7.85	84	3906329	20.55	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	953657	19.95	ug/L		0.00
41) Toluene-d8	9.97	98	3805125	21.55	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	283768	21.74	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	727036	240.26	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	382990	19.66	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	834985	20.95	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 419.00%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	802373	18.35	ug/L		99
3) Chloromethane	2.02	50	1015293	18.07	ug/L		99
5) Vinyl chloride	2.17	62	1017038	18.41	ug/L		97
6) Bromomethane	2.53	94	646924	17.50	ug/L		98
8) Chloroethane	2.66	64	623185	18.04	ug/L		96
9) Trichlorofluoromethane	2.93	101	1614956m	19.26	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	880074	18.27	ug/L		98
12) 1,1-Dichloroethene	3.62	96	991220	18.91	ug/L		87
13) Acetone	3.70	43	719404	216.96	ug/L		99
14) Carbon disulfide	3.93	76	2694978	20.60	ug/L		99
15) Methyl Acetate	4.19	43	182727	18.99	ug/L		96
16) Methylene chloride	4.40	84	835704	17.83	ug/L		98
17) Methyl tert-butyl Ether	4.90	73	1145691	21.14	ug/L		97
18) trans-1,2-Dichloroethene	4.88	96	963205	20.01	ug/L		98
19) 1,1-Dichloroethane	5.69	63	1689097	19.55	ug/L		97
21) 2-Butanone	6.69	43	1027283	220.07	ug/L		100
22) cis-1,2-Dichloroethene	6.67	96	917586	21.15	ug/L	#	99
23) Bromochloromethane	7.06	128	245642	18.81	ug/L		92
25) Chloroform	7.23	83	1673772	17.86	ug/L		99
27) 1,2-Dichloroethane	7.99	62	729015	19.10	ug/L		99
29) 1,1,1-Trichloroethane	7.43	97	1471153	19.01	ug/L		98
30) Cyclohexane	7.52	56	1465318	21.29	ug/L		99
31) Carbon tetrachloride	7.63	117	1326434	18.86	ug/L		100
33) Benzene	7.91	78	3985198	19.93	ug/L		100
34) Trichloroethene	8.71	95	1031093	19.47	ug/L		96
35) Methylcyclohexane	8.95	83	1528244	21.67	ug/L		97
37) 1,2-Dichloropropane	9.00	63	785424	18.98	ug/L		99
38) Bromodichloromethane	9.28	83	926751	19.19	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	1062210	22.36	ug/L		96

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40) 4-Methyl-2-pentanone	9.87	43	2526746	219.70	ug/L		98
42) Toluene	10.04	91	4304039	18.02	ug/L		96
44) trans-1,3-Dichloropropene	10.26	75	727907	22.45	ug/L		97
45) 1,1,2-Trichloroethane	10.45	97	348986	19.60	ug/L		95
47) Tetrachloroethene	10.51	164	773538	19.89	ug/L		97
48) 2-Hexanone	10.63	43	1677233	217.13	ug/L		98
49) Dibromochloromethane	10.79	129	462511	21.37	ug/L		100
50) 1,2-Dibromoethane	10.89	107	309076	19.90	ug/L		97
51) Chlorobenzene	11.32	112	2346183	20.07	ug/L		98
52) Ethylbenzene	11.39	91	4887769	20.43	ug/L		94
53) m,p-Xylene	11.50	106	1921668	21.78	ug/L		99
54) o-Xylene	11.83	106	1869976	23.15	ug/L		86
55) Styrene	11.84	104	2851450	23.13	ug/L		99
56) Isopropylbenzene	12.13	105	4822694	21.79	ug/L		96
58) 1,1,2,2-Tetrachloroethane	12.39	83	332108	19.16	ug/L	#	93
59) 1,2,3-Trichloropropane	12.43	75	242761	18.68	ug/L		98
61) Bromoform	12.01	173	187765	21.16	ug/L		97
62) 1,3-Dichlorobenzene	13.16	146	1545085	20.97	ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	1514454	19.06	ug/L		99
65) 1,2-Dichlorobenzene	13.53	146	1204531	19.91	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.14	75	33866	16.74	ug/L		93
67) 1,3,5-Trichlorobenzene	14.30	180	967223	20.28	ug/L		98
68) 1,2,4-trichlorobenzene	14.79	180	581869	21.57	ug/L		99
69) Naphthalene	15.00	128	653730	24.88	ug/L		99
70) 1,2,3-Trichlorobenzene	15.18	180	392525	20.34	ug/L		97

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

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