Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR041119\
Data File : VR026572.D
Acq On : 11 Apr 2019 12:26
Operator : SY/MD
Sample : VSTD02087
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD02087

Manual Integrations APPROVED
MMDadoda
4/12/2019 9:30:34 AM

Quant Time: Apr 12 01:37:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 12 01:22:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	674639	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.28	117	598359	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	246510	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	890841	17.29	ug/L		0.00
7) Chloroethane-d5	2.62	69	798253	18.38	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.61	63	2565831	18.88	ug/L		0.00
20) 2-Butanone-d5	6.58	46	1215932	261.53	ug/L		0.00
24) Chloroform-d	7.20	84	2113562	21.40	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.89	65	871257	20.87	ug/L		0.00
32) Benzene-d6	7.85	84	4079020	21.55	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.89	67	1039960	20.80	ug/L		0.00
41) Toluene-d8	9.97	98	3879742	22.65	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.23	79	297896	22.94	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	1044646	285.24	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	424177	21.50	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	836681	22.27	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.82	85	1357635	19.321	ug/L		97
3) Chloromethane	2.01	50	1293048	17.440	ug/L		98
5) Vinyl chloride	2.17	62	1329890	18.132	ug/L		96
6) Bromomethane	2.52	94	775519	17.962	ug/L		97
8) Chloroethane	2.66	64	753044	17.788	ug/L		96
9) Trichlorofluoromethane	2.93	101	2078716m	20.213	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	1058031	18.802	ug/L		98
12) 1,1-Dichloroethene	3.62	96	1170319	19.088	ug/L		93
13) Acetone	3.69	43	924855	196.818	ug/L		97
14) Carbon disulfide	3.92	76	3374706	19.204	ug/L		98
15) Methyl Acetate	4.19	43	236379	18.337	ug/L	#	70
16) Methylene chloride	4.40	84	947189	17.249	ug/L		98
17) Methyl tert-butyl Ether	4.88	73	1307914	19.469	ug/L		98
18) trans-1,2-Dichloroethene	4.88	96	1176039	20.607	ug/L		98
19) 1,1-Dichloroethane	5.69	63	2148431	20.321	ug/L		99
21) 2-Butanone	6.68	43	1450002	238.320	ug/L		97
22) cis-1,2-Dichloroethene	6.67	96	1103216	23.049	ug/L	#	93
23) Bromochloromethane	7.04	128	303544	20.177	ug/L	#	90
25) Chloroform	7.23	83	2084291	20.455	ug/L		99
27) 1,2-Dichloroethane	7.99	62	1021976	20.049	ug/L		97
29) 1,1,1-Trichloroethane	7.43	97	1856283	19.093	ug/L		97
30) Cyclohexane	7.51	56	2023656	22.418	ug/L		98
31) Carbon tetrachloride	7.63	117	1803708	19.331	ug/L		99
33) Benzene	7.90	78	4813664	20.554	ug/L		100
34) Trichloroethene	8.71	95	1289660	20.594	ug/L		95
35) Methylcyclohexane	8.95	83	1947556	21.857	ug/L		99
37) 1,2-Dichloropropane	8.99	63	998848	19.474	ug/L		99
38) Bromodichloromethane	9.28	83	1199081	20.105	ug/L		99
39) cis-1,3-Dichloropropene	9.72	75	1377825	24.825	ug/L		95
40) 4-Methyl-2-pentanone	9.86	43	3606071	235.867	ug/L		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.03	91	5157491	21.393	ug/L		91
44) trans-1,3-Dichloropropene	10.26	75	967398	24.098	ug/L		98
45) 1,1,2-Trichloroethane	10.45	97	438312	20.741	ug/L		96
47) Tetrachloroethene	10.51	164	943883	20.940	ug/L		94
48) 2-Hexanone	10.63	43	2407870	234.987	ug/L		96
49) Dibromochloromethane	10.79	129	592489	21.609	ug/L		99
50) 1,2-Dibromoethane	10.89	107	388162	21.363	ug/L	#	99
51) Chlorobenzene	11.32	112	2800101	20.531	ug/L		99
52) Ethylbenzene	11.39	91	5824061	20.999	ug/L		90
53) m,p-Xylene	11.50	106	2272613	22.889	ug/L		93
54) o-Xylene	11.83	106	2203128	25.132	ug/L		89
55) Styrene	11.84	104	3324627	24.012	ug/L		100
56) Isopropylbenzene	12.13	105	5659752	22.871	ug/L		96
58) 1,1,2,2-Tetrachloroethane	12.38	83	417533	20.362	ug/L		98
59) 1,2,3-Trichloropropane	12.43	75	311965	20.131	ug/L		99
61) Bromoform	12.01	173	231492	21.229	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	1793348	22.902	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	1782208	19.990	ug/L		98
65) 1,2-Dichlorobenzene	13.53	146	1426845	21.627	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.14	75	46388	18.669	ug/L	#	84
67) 1,3,5-Trichlorobenzene	14.29	180	1142523	22.182	ug/L		98
68) 1,2,4-trichlorobenzene	14.78	180	704427	24.788	ug/L		99
69) Naphthalene	15.00	128	813417	30.846	ug/L		97
70) 1,2,3-Trichlorobenzene	15.18	180	491306	24.492	ug/L		99

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

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