Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092118\
Data File : VR025801.D
Acq On : 21 Sep 2018 15:04
Operator : SY/MD
Sample : VSTD01022
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD01022

Manual Integrations APPROVED
MMDadoda
9/24/2018 5:10:12 PM

Quant Time: Sep 21 15:35:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 15:32:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	524603	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	420992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	153158	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	344594	15.37	ug/L	0.00
7) Chloroethane-d5	2.63	69	270502	14.17	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	850006	13.74	ug/L	0.00
20) 2-Butanone-d5	6.59	46	485603	120.73	ug/L	0.00
24) Chloroform-d	7.20	84	770162	12.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	335414	12.69	ug/L	0.00
32) Benzene-d6	7.85	84	1504667	14.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	419762	13.16	ug/L	0.00
41) Toluene-d8	9.97	98	1356071	15.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	125917	10.92	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	395164	108.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	165330	10.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	248101	12.19	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	525298	8.807	ug/L	99
3) Chloromethane	2.01	50	541921	9.232	ug/L	98
5) Vinyl chloride	2.17	62	510717	9.128	ug/L	100
6) Bromomethane	2.52	94	286373	9.679	ug/L	99
8) Chloroethane	2.66	64	289422	9.393	ug/L	100
9) Trichlorofluoromethane	2.93	101	658187m	10.175	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	390398	9.972	ug/L	100
12) 1,1-Dichloroethene	3.63	96	406476	9.603	ug/L	96
13) Acetone	3.70	43	299538	140.181	ug/L	98
14) Carbon disulfide	3.93	76	1260342	9.031	ug/L	100
15) Methyl Acetate	4.19	43	99993	10.755	ug/L	92
16) Methylene chloride	4.40	84	362635	10.096	ug/L	98
17) Methyl tert-butyl Ether	4.90	73	765329	9.309	ug/L	100
18) trans-1,2-Dichloroethene	4.88	96	485800	9.291	ug/L	95
19) 1,1-Dichloroethane	5.69	63	976173	9.223	ug/L	99
21) 2-Butanone	6.69	43	646237	111.713	ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	483389	9.281	ug/L	91
23) Bromochloromethane	7.05	128	128052	9.038	ug/L	91
25) Chloroform	7.23	83	911727	9.319	ug/L	98
27) 1,2-Dichloroethane	7.99	62	472926	9.639	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	809280	8.761	ug/L	99
30) Cyclohexane	7.51	56	942666	9.198	ug/L	99
31) Carbon tetrachloride	7.63	117	673987	8.441	ug/L	99
33) Benzene	7.91	78	2043438	9.620	ug/L	100
34) Trichloroethene	8.71	95	540407	9.200	ug/L	98
35) Methylcyclohexane	8.95	83	892197	9.253	ug/L	99
37) 1,2-Dichloropropane	9.00	63	456203	9.854	ug/L	99
38) Bromodichloromethane	9.28	83	543976	9.437	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	611736	9.558	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	1657709	101.285	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.03	91	2089480	9.697	ug/L		99
44) trans-1,3-Dichloropropene	10.26	75	443514	9.422	ug/L		100
45) 1,1,2-Trichloroethane	10.45	97	199950	9.947	ug/L		98
47) Tetrachloroethene	10.51	164	309937	8.906	ug/L		98
48) 2-Hexanone	10.63	43	1086108	99.695	ug/L		99
49) Dibromochloromethane	10.79	129	229616	9.149	ug/L		96
50) 1,2-Dibromoethane	10.89	107	173802	9.489	ug/L	#	94
51) Chlorobenzene	11.32	112	1103431	9.368	ug/L		98
52) Ethylbenzene	11.39	91	2410386	9.561	ug/L		99
53) m,p-Xylene	11.50	106	872478	9.366	ug/L		96
54) o-Xylene	11.83	106	806230	9.380	ug/L		94
55) Styrene	11.84	104	1264228	9.500	ug/L		99
56) Isopropylbenzene	12.13	105	2231703	9.370	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	195789	9.343	ug/L		96
59) 1,2,3-Trichloropropane	12.43	75	155632	9.308	ug/L		100
61) Bromoform	12.01	173	79250	8.311	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	660574	9.247	ug/L		97
63) 1,4-Dichlorobenzene	13.24	146	640033	9.517	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	496871	9.336	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.14	75	22583	7.308	ug/L		93
67) 1,3,5-Trichlorobenzene	14.29	180	366358	9.014	ug/L		98
68) 1,2,4-trichlorobenzene	14.78	180	236136	8.870	ug/L		98
69) Naphthalene	15.00	128	364484	9.149	ug/L		98
70) 1,2,3-Trichlorobenzene	15.18	180	165252	8.670	ug/L		98

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

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