Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092118\
Data File : VR025802.D
Acq On : 21 Sep 2018 15:37
Operator : SY/MD
Sample : VSTD02023
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD02023

Manual Integrations APPROVED
MMDadoda
9/24/2018 5:10:13 PM

Quant Time: Sep 21 16:02:36 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	543106	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	437659	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	157100	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.17	65	679284	29.27	ug/L		0.01
7) Chloroethane-d5	2.63	69	509063	25.75	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.63	63	1636359	25.54	ug/L		0.02
20) 2-Butanone-d5	6.59	46	1053276	252.95	ug/L		0.00
24) Chloroform-d	7.20	84	1597640	24.41	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	684129	25.00	ug/L		0.00
32) Benzene-d6	7.85	84	3024993	27.66	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	843579	25.43	ug/L		0.00
41) Toluene-d8	9.97	98	2785897	31.04	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	274371	22.89	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	816393	215.18	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	329961	20.76	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	511969	24.52	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	1039779	16.839	ug/L		99
3) Chloromethane	2.02	50	1044491	17.187	ug/L		96
5) Vinyl chloride	2.17	62	1009480	17.427	ug/L		99
6) Bromomethane	2.52	94	545687	17.815	ug/L		96
8) Chloroethane	2.66	64	551261	17.281	ug/L		93
9) Trichlorofluoromethane	2.93	101	1304509m	19.480	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	733721	18.102	ug/L		98
12) 1,1-Dichloroethene	3.63	96	809433	18.472	ug/L		91
13) Acetone	3.70	43	650953	294.260	ug/L		97
14) Carbon disulfide	3.93	76	2512498	17.390	ug/L		100
15) Methyl Acetate	4.19	43	198924	20.668	ug/L		97
16) Methylene chloride	4.40	84	705254	18.966	ug/L		96
17) Methyl tert-butyl Ether	4.89	73	1583440	18.604	ug/L		100
18) trans-1,2-Dichloroethene	4.88	96	1005904	18.583	ug/L		98
19) 1,1-Dichloroethane	5.69	63	2013074	18.372	ug/L		97
21) 2-Butanone	6.69	43	1385532	231.353	ug/L		99
22) cis-1,2-Dichloroethene	6.67	96	998297	18.515	ug/L	#	98
23) Bromochloromethane	7.05	128	264413	18.027	ug/L		95
25) Chloroform	7.23	83	1884806	18.608	ug/L		99
27) 1,2-Dichloroethane	7.99	62	978025	19.254	ug/L		100
29) 1,1,1-Trichloroethane	7.43	97	1738266	18.102	ug/L		99
30) Cyclohexane	7.52	56	1899717	17.830	ug/L		99
31) Carbon tetrachloride	7.63	117	1474283	17.760	ug/L		99
33) Benzene	7.91	78	4171816	18.892	ug/L		100
34) Trichloroethene	8.71	95	1136293	18.608	ug/L		95
35) Methylcyclohexane	8.95	83	1739498	17.353	ug/L		98
37) 1,2-Dichloropropane	9.00	63	951072	19.762	ug/L		100
38) Bromodichloromethane	9.28	83	1154299	19.263	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	1304894	19.612	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	3330826	195.761	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.04	91	4310622	19.244	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	952395	19.462	ug/L	100
45) 1,1,2-Trichloroethane	10.45	97	409725	19.606	ug/L	96
47) Tetrachloroethene	10.51	164	692104	19.131	ug/L	93
48) 2-Hexanone	10.63	43	2233077	197.170	ug/L	99
49) Dibromochloromethane	10.79	129	499013	19.126	ug/L	99
50) 1,2-Dibromoethane	10.89	107	367725	19.312	ug/L	99
51) Chlorobenzene	11.32	112	2279560	18.617	ug/L	99
52) Ethylbenzene	11.39	91	4840460	18.469	ug/L	92
53) m,p-Xylene	11.50	106	1842771	19.028	ug/L	89
54) o-Xylene	11.83	106	1738102	19.452	ug/L	86
55) Styrene	11.84	104	2681756	19.384	ug/L	98
56) Isopropylbenzene	12.13	105	4530340	18.296	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.39	83	396048	18.180	ug/L	100
59) 1,2,3-Trichloropropane	12.43	75	306764	17.648	ug/L	99
61) Bromoform	12.01	173	178269	18.226	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	1378283	18.810	ug/L	93
63) 1,4-Dichlorobenzene	13.24	146	1314671	19.058	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	1056150	19.347	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	50297	15.869	ug/L	95
67) 1,3,5-Trichlorobenzene	14.29	180	802797	19.256	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	515953	18.895	ug/L	100
69) Naphthalene	15.00	128	783257	19.168	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	357789	18.301	ug/L	98

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

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