Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000053.D
Acq On : 29 Dec 2014 11:09
Operator : TP
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02003

Quant Time: Dec 29 12:21:20 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	190091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	816800	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	576938	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1235981	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1429983	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1303198	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	25859	6.99	ng/uL	0.00
5) Phenol-d5	7.01	99	308414	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	190856	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	224102	19.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	245847	20.27	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	107413	21.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	111415	22.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	246025m	21.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	320963	31.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	834623	21.59	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	997637	21.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	133629	21.31	ng/ul	0.00
57) Fluorene-d10	15.48	176	717363	22.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	103319	19.70	ng/ul	0.00
70) Anthracene-d10	17.32	188	1113898	21.03	ng/ul	0.00
76) Pyrene-d10	19.61	212	1256361	20.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1146000	20.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	35064	7.90	ng/uL	100
4) Benzaldehyde	6.98	77	232368	35.47	ng/ul	100
6) Phenol	7.03	94	329041	19.17	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.27	93	253181	19.47	ng/ul	100
10) 2-Chlorophenol	7.41	128	235913	19.14	ng/ul	100
11) 2-Methylphenol	8.28	108	251360	19.19	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.38	45	411811	19.58	ng/ul	100
14) Acetophenone	8.66	105	433827	20.87	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.65	70	227115	19.44	ng/ul	100
16) 4-Methylphenol	8.61	108	274454	19.34	ng/ul	100
17) Hexachloroethane	8.93	117	105665	19.67	ng/ul	100
20) Nitrobenzene	9.04	77	327214	21.28	ng/ul	100
21) Isophorone	9.57	82	630104	19.90	ng/ul	100
23) 2-Nitrophenol	9.75	139	127855	21.81	ng/ul	100
24) 2,4-Dimethylphenol	9.81	107	338451	20.57	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.05	93	349767	19.49	ng/ul	100
27) 2,4-Dichlorophenol	10.29	162	249899	20.63	ng/ul	100
28) Naphthalene	10.69	128	804922	20.34	ng/ul	100
30) 4-Chloroaniline	10.80	127	333409m	30.02	ng/ul	
31) Hexachlorobutadiene	10.97	225	174136	20.86	ng/ul	100
32) Caprolactam	11.55	113	83236	19.24	ng/ul	100
33) 4-Chloro-3-methylphenol	11.91	107	303073	20.25	ng/ul	100
34) 2-Methylnaphthalene	12.30	142	601508	20.27	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	308863	20.86	ng/ul	100
37) Hexachlorocyclopentadiene	12.65	237	192496	19.53	ng/ul	100
38) 2,4,6-Trichlorophenol	12.91	196	198703	20.12	ng/ul	100
39) 2,4,5-Trichlorophenol	12.97	196	220014	20.82	ng/ul	100
40) 1,1'-Biphenyl	13.32	154	814629	20.90	ng/ul	100
41) 2-Chloronaphthalene	13.35	162	614011	20.45	ng/ul	100
42) 2-Nitroaniline	13.56	65	203173	22.63	ng/ul	100
44) Dimethylphthalate	13.93	163	823383	20.52	ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	151981	22.57	ng/ul	100
47) Acenaphthylene	14.21	152	1058568	20.90	ng/ul	100
48) 3-Nitroaniline	14.38	138	164026	25.05	ng/ul	100
49) Acenaphthene	14.55	153	666748	20.33	ng/ul	100
50) 2,4-Dinitrophenol	14.59	184	64468	19.31	ng/ul	100
52) 4-Nitrophenol	14.68	109	174568	22.24	ng/ul	100
53) Dibenzofuran	14.88	168	967097	20.74	ng/ul	100
54) 2,4-Dinitrotoluene	14.84	165	222475	22.57	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.10	232	194821	21.05	ng/ul	100
56) Diethylphthalate	15.31	149	876474	20.47	ng/ul	100
58) Fluorene	15.53	166	806176	20.81	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	393163	21.19	ng/ul	100
60) 4-Nitroaniline	15.55	138	176761	20.94	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.60	198	108825	19.08	ng/ul	100
64) N-Nitrosodiphenylamine	15.74	169	691528	20.00	ng/ul	100
65) 4-Bromophenyl-phenylether	16.43	248	239988	19.78	ng/ul	100
66) Hexachlorobenzene	16.53	284	278394	19.91	ng/ul	100
67) Atrazine	16.69	200	275196	28.04	ng/ul	100
68) Pentachlorophenol	16.87	266	159781m	18.80	ng/ul	
69) Phenanthrene	17.27	178	1316458	20.28	ng/ul	100
71) Anthracene	17.35	178	1338914	20.57	ng/ul	100
72) Carbazole	17.63	167	1224335	20.54	ng/ul	100
73) Di-n-butylphthalate	18.20	149	1488104	19.66	ng/ul	100
74) Fluoranthene	19.28	202	1558844	21.29	ng/ul	100
77) Pyrene	19.65	202	1665600	20.22	ng/ul	100
78) Butylbenzylphthalate	20.55	149	686675	19.17	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.33	252	547525	21.69	ng/ul	100
80) Benzo(a)anthracene	21.40	228	1566337	20.02	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.33	149	1024850	19.25	ng/ul	100
82) Chrysene	21.44	228	1500717	20.98	ng/ul	100
84) Di-n-octyl phthalate	22.23	149	1703221	19.25	ng/ul	100
85) Benzo(b)fluoranthene	23.02	252	1667616	20.80	ng/ul	100
86) Benzo(k)fluoranthene	23.07	252	1367078	20.45	ng/ul	100
88) Benzo(a)pyrene	23.61	252	1451676	20.75	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.05	276	1450691	19.67	ng/ul	100
90) Dibenzo(a,h)anthracene	26.06	278	1227945	19.87	ng/ul	100
91) Benzo(g,h,i)perylene	26.77	276	1182481	19.60	ng/ul	100

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

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