Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
Data File : BM000186.D
Acq On : 14 Jan 2015 01:55
Operator : TP/IZ
Sample : SSTD02028
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02028

Quant Time: Jan 14 14:17:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 14 12:47:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	125826	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.62	136	525363	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.46	164	350929	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.21	188	721633	20.00	ng/ul	-0.02
75) Chrysene-d12	21.39	240	808744	20.00	ng/ul	-0.02
83) Perylene-d12	23.68	264	786722	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	18600	8.57	ng/uL	-0.01
5) Phenol-d5	6.99	99	215879	20.40	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	139669	20.88	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	158756	20.45	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	165112	19.61	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	74789	20.59	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.70	143	78534	21.17	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.24	165	159299	19.44	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	205132	22.06	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	505868	19.54	ng/ul	-0.01
46) Acenaphthylene-d8	14.16	160	634353	20.46	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	77563	18.41	ng/ul	-0.01
57) Fluorene-d10	15.46	176	446830	20.10	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.57	200	71476	20.90	ng/ul	-0.02
70) Anthracene-d10	17.30	188	681390	20.42	ng/ul	-0.01
76) Pyrene-d10	19.60	212	760391	20.38	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.53	264	741912	20.78	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	25078	8.34	ng/uL	92
4) Benzaldehyde	6.97	77	152644	20.70	ng/ul	98
6) Phenol	7.02	94	223195	19.99	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.26	93	174159	20.10	ng/ul	91
10) 2-Chlorophenol	7.39	128	161165	19.84	ng/ul	97
11) 2-Methylphenol	8.26	108	169577	19.73	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.36	45	307482	21.59	ng/ul	97
14) Acetophenone	8.65	105	290600	19.64	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.63	70	150667	19.58	ng/ul	90
16) 4-Methylphenol	8.59	108	181437	19.55	ng/ul	97
17) Hexachloroethane	8.91	117	77195	20.80	ng/ul	95
20) Nitrobenzene	9.03	77	235373	21.73	ng/ul	98
21) Isophorone	9.55	82	392011	18.77	ng/ul	99
23) 2-Nitrophenol	9.74	139	85323	20.83	ng/ul#	92
24) 2,4-Dimethylphenol	9.79	107	227371	20.45	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.03	93	222390	19.13	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	165603	20.25	ng/ul	96
28) Naphthalene	10.67	128	532649	19.88	ng/ul	100
30) 4-Chloroaniline	10.78	127	216117	22.59	ng/ul	95
31) Hexachlorobutadiene	10.96	225	124037	21.40	ng/ul	97
32) Caprolactam	11.53	113	40449	15.29	ng/ul#	77
33) 4-Chloro-3-methylphenol	11.90	107	189572	18.90	ng/ul	97
34) 2-Methylnaphthalene	12.28	142	386968	19.48	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	206889	21.26	ng/ul#	95
37) Hexachlorocyclopentadiene	12.63	237	134039	22.15	ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	124180	20.01	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	134250	19.92	ng/ul	96
40) 1,1'-Biphenyl	13.30	154	527174	20.84	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	412952	21.30	ng/ul	98
42) 2-Nitroaniline	13.54	65	140042	21.20	ng/ul	91
44) Dimethylphthalate	13.92	163	519403	20.15	ng/ul	98
45) 2,6-Dinitrotoluene	14.04	165	95556	20.73	ng/ul#	84
47) Acenaphthylene	14.19	152	654616	20.02	ng/ul	99
48) 3-Nitroaniline	14.37	138	105110	21.47	ng/ul	95
49) Acenaphthene	14.53	153	427352	20.51	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	42432	18.86	ng/ul	94
52) 4-Nitrophenol	14.67	109	118131	21.15	ng/ul	89
53) Dibenzofuran	14.86	168	622435	20.63	ng/ul	91
54) 2,4-Dinitrotoluene	14.83	165	143054	20.79	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.09	232	110821	19.06	ng/ul	98
56) Diethylphthalate	15.29	149	537603	19.84	ng/ul	100
58) Fluorene	15.51	166	504097	20.13	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	252544	20.45	ng/ul	99
60) 4-Nitroaniline	15.53	138	107166	19.55	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	71279	20.23	ng/ul#	84
64) N-Nitrosodiphenylamine	15.72	169	429692	20.53	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	152006	20.67	ng/ul#	87
66) Hexachlorobenzene	16.52	284	176115	20.77	ng/ul	99
67) Atrazine	16.67	200	165774	20.37	ng/ul	97
68) Pentachlorophenol	16.86	266	87373	17.11	ng/ul	95
69) Phenanthrene	17.25	178	812615	20.80	ng/ul	98
71) Anthracene	17.34	178	842743	20.98	ng/ul	99
72) Carbazole	17.61	167	740908	20.41	ng/ul	98
73) Di-n-butylphthalate	18.17	149	860988	19.95	ng/ul	99
74) Fluoranthene	19.26	202	956288	20.95	ng/ul	99
77) Pyrene	19.63	202	1008691	20.69	ng/ul	100
78) Butylbenzylphthalate	20.53	149	384161	19.40	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.31	252	306860	21.52	ng/ul	99
80) Benzo(a)anthracene	21.37	228	977387	20.93	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.30	149	552014	19.15	ng/ul#	98
82) Chrysene	21.43	228	906964	21.08	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	952360	18.65	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	955022	19.02	ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	939395	21.92	ng/ul	100
88) Benzo(a)pyrene	23.58	252	931361	21.12	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.00	276	1053133	22.89	ng/ul	97
90) Dibenzo(a,h)anthracene	26.01	278	886127	22.87	ng/ul	97
91) Benzo(g,h,i)perylene	26.71	276	887916	23.49	ng/ul	99

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

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