Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083601.D
Acq On : 8 Dec 2015 18:22
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF120815

Manual Integrations APPROVED
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12/9/2015 6:13:20 PM

Quant Time: Dec 17 10:08:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 09:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	164934	20.00	ng		0.00
21) Naphthalene-d8	7.60	136	660266	20.00	ng		-0.01
38) Acenaphthene-d10	10.38	164	326087	20.00	ng		0.00
63) Phenanthrene-d10	12.79	188	601830	20.00	ng		0.00
75) Chrysene-d12	16.99	240	506829	20.00	ng		0.00
86) Perylene-d12	18.64	264	438777	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.97	112	920631	84.66	ng		0.00
7) Phenol-d6	5.28	99	1215370	83.65	ng		0.00
23) Nitrobenzene-d5	6.53	82	1135095	80.22	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	243922	83.96	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1808018	78.04	ng		0.00
78) Terphenyl-d14	15.41	244	1687880	78.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.81	88	208162	38.75	ng		98
3) Pyridine	2.26	79	588914	45.12	ng		92
4) n-Nitrosodimethylamine	2.22	42	299151	43.53	ng		92
6) Aniline	5.25	93	785456	43.87	ng		89
8) 2-Chlorophenol	5.42	128	498987	41.96	ng		94
9) Benzaldehyde	5.10	77	320379	40.92	ng		99
10) Phenol	5.29	94	752017	42.73	ng		84
11) bis(2-Chloroethyl)ether	5.36	93	507493	39.19	ng		98
12) 1,3-Dichlorobenzene	5.61	146	542891m	40.96	ng		
13) 1,4-Dichlorobenzene	5.72	146	556781	40.94	ng		98
14) 1,2-Dichlorobenzene	5.94	146	521496	41.32	ng		98
15) Benzyl Alcohol	5.95	79	460144	44.51	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.12	45	985037	41.14	ng	#	61
17) 2-Methylphenol	6.14	107	407837	42.15	ng		93
18) Hexachloroethane	6.41	117	199531	41.55	ng	#	85
19) n-Nitroso-di-n-propylamine	6.34	70	416900	41.11	ng		93
20) 3+4-Methylphenols	6.38	107	521596	40.94	ng		97
22) Acetophenone	6.32	105	756411	40.84	ng	#	95
24) Nitrobenzene	6.56	77	618216	39.53	ng		100
25) Isophorone	6.93	82	1107007	40.31	ng		98
26) 2-Nitrophenol	7.04	139	262331	42.24	ng		94
27) 2,4-Dimethylphenol	7.16	122	441890	40.68	ng		96
28) bis(2-Chloroethoxy)methane	7.29	93	622080	40.80	ng		99
29) 2,4-Dichlorophenol	7.45	162	407629	41.26	ng		98
30) 1,2,4-Trichlorobenzene	7.53	180	435394	39.90	ng		97
31) Naphthalene	7.63	128	1388729	39.71	ng		99
32) Benzoic acid	7.50	122	284303	41.28	ng		97
33) 4-Chloroaniline	7.77	127	535117	41.96	ng		95
34) Hexachlorobutadiene	7.84	225	261429	41.00	ng		97
35) Caprolactam	8.40	113	129724	43.75	ng		96
36) 4-Chloro-3-methylphenol	8.61	107	456223	41.10	ng		99
37) 2-Methylnaphthalene	8.74	142	867264	39.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	427396	39.92	ng	#	100
40) Hexachlorocyclopentadiene	8.99	237	72297	45.43	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	261257	41.01	ng		97
43) 2,4,5-Trichlorophenol	9.31	196	263301	41.75	ng	#	90
45) 1,1'-Biphenyl	9.49	154	1123651	39.64	ng		98
46) 2-Chloronaphthalene	9.50	162	863836	40.37	ng		94
47) 2-Nitroaniline	9.72	65	319929	41.45	ng		99
48) Acenaphthylene	10.17	152	1415938	40.13	ng		99
49) Dimethylphthalate	10.04	163	1043589	40.20	ng		99
50) 2,6-Dinitrotoluene	10.13	165	222163	41.46	ng		97
51) Acenaphthene	10.44	154	803593	39.78	ng		99
52) 3-Nitroaniline	10.41	138	237501	41.70	ng		84
53) 2,4-Dinitrophenol	10.61	184	100219	40.74	ng		96
54) Dibenzofuran	10.73	168	1126634	40.22	ng		97
55) 4-Nitrophenol	10.82	139	99673	39.75	ng		91
56) 2,4-Dinitrotoluene	10.80	165	300960	42.34	ng	#	79
57) Fluorene	11.28	166	974335	39.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.97	232	203222	40.15	ng	#	100
59) Diethylphthalate	11.18	149	1002549	39.72	ng		99
60) 4-Chlorophenyl-phenylether	11.31	204	470872	40.46	ng		92
61) 4-Nitroaniline	11.40	138	228323	44.12	ng		87
62) Azobenzene	11.56	77	1139713	41.03	ng		96
64) 4,6-Dinitro-2-methylphenol	11.46	198	167038	41.03	ng		93
65) n-Nitrosodiphenylamine	11.52	169	812409	40.90	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	266667	39.73	ng		95
67) Hexachlorobenzene	12.17	284	287664	40.40	ng		96
68) Atrazine	12.44	200	247781	41.93	ng		98
69) Pentachlorophenol	12.53	266	73101	41.95	ng		98
70) Phenanthrene	12.82	178	1401597	40.53	ng		99
71) Anthracene	12.91	178	1443607	40.30	ng		100
72) Carbazole	13.21	167	1259505	41.00	ng		98
73) Di-n-butylphthalate	13.84	149	1606330	41.58	ng		99
74) Fluoranthene	14.75	202	1437528	40.64	ng		99
76) Benzidine	15.03	184	666099	42.25	ng		100
77) Pyrene	15.11	202	1436379	39.36	ng		100
79) Butylbenzylphthalate	16.24	149	677842	41.85	ng		86
80) Benzo(a)anthracene	16.98	228	1169713	39.43	ng		99
81) 3,3'-Dichlorobenzidine	16.97	252	416188	41.53	ng		98
82) Chrysene	17.03	228	1190951	40.05	ng		99
83) Bis(2-ethylhexyl)phthalate	17.09	149	938162	41.73	ng		99
84) Di-n-octyl phthalate	17.86	149	1490508	43.39	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.87	276	904401	45.06	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	1194715m	47.81	ng		
88) Benzo(k)fluoranthene	18.28	252	868209m	31.54	ng		
89) Benzo(a)pyrene	18.58	252	945032	38.76	ng	#	95
90) Dibenzo(a,h)anthracene	19.87	278	773497	41.49	ng		98
91) Benzo(g,h,i)perylene	20.23	276	729940	40.16	ng		96

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

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