Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083579.D
Acq On : 8 Dec 2015 3:13
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/8/2015 6:15:45 PM

Quant Time: Dec 08 06:39:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	129669	20.00	ng		-0.05
21) Naphthalene-d8	7.63	136	482511	20.00	ng		-0.05
38) Acenaphthene-d10	10.42	164	212512	20.00	ng		-0.05
63) Phenanthrene-d10	12.81	188	346278	20.00	ng		-0.05
75) Chrysene-d12	17.01	240	294863	20.00	ng		-0.03
86) Perylene-d12	18.66	264	221736	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	730396	85.46	ng		-0.03
7) Phenol-d6	5.30	99	968655	82.26	ng		-0.02
23) Nitrobenzene-d5	6.56	82	889268	86.15	ng		-0.05
41) 2,4,6-Tribromophenol	11.71	330	148460	75.73	ng		-0.05
44) 2-Fluorobiphenyl	9.38	172	1403752	89.59	ng		-0.05
78) Terphenyl-d14	15.45	244	1031750	77.86	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	173397	38.68	ng		98
3) Pyridine	2.27	79	490600	45.86	ng		98
4) n-Nitrosodimethylamine	2.24	42	230169	42.71	ng		95
6) Aniline	5.28	93	634198	41.37	ng	#	86
8) 2-Chlorophenol	5.45	128	394288	41.48	ng		94
9) Benzaldehyde	5.12	77	273922	40.57	ng		97
10) Phenol	5.31	94	578871	42.04	ng		82
11) bis(2-Chloroethyl)ether	5.38	93	401600	39.35	ng		96
12) 1,3-Dichlorobenzene	5.64	146	441206	41.85	ng		100
13) 1,4-Dichlorobenzene	5.74	146	448153	41.63	ng		99
14) 1,2-Dichlorobenzene	5.96	146	414381	41.86	ng		99
15) Benzyl Alcohol	5.97	79	356669	43.66	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.16	45	771030	40.75	ng		82
17) 2-Methylphenol	6.17	107	322635	41.13	ng		94
18) Hexachloroethane	6.44	117	130580	34.76	ng	#	88
19) n-Nitroso-di-n-propylamine	6.36	70	323493	41.18	ng		94
20) 3+4-Methylphenols	6.41	107	422323	41.44	ng		96
22) Acetophenone	6.34	105	606702	43.65	ng	#	97
24) Nitrobenzene	6.59	77	486974	42.83	ng		93
25) Isophorone	6.96	82	831028	41.92	ng		98
26) 2-Nitrophenol	7.07	139	196484	43.80	ng		89
27) 2,4-Dimethylphenol	7.20	122	341212	43.05	ng		99
28) bis(2-Chloroethoxy)methane	7.31	93	478220	43.29	ng		98
29) 2,4-Dichlorophenol	7.47	162	307178	42.92	ng		96
30) 1,2,4-Trichlorobenzene	7.55	180	335174	42.36	ng		99
31) Naphthalene	7.66	128	1090800	42.47	ng		99
32) Benzoic acid	7.47	122	143362	33.20	ng		96
33) 4-Chloroaniline	7.79	127	408499	40.66	ng		97
34) Hexachlorobutadiene	7.87	225	197464	42.23	ng		98
35) Caprolactam	8.41	113	92250	40.52	ng		92
36) 4-Chloro-3-methylphenol	8.64	107	319726	39.69	ng		95
37) 2-Methylnaphthalene	8.76	142	660392	41.58	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	317577	45.45	ng	#	100
40) Hexachlorocyclopentadiene	9.01	237	1492	10.84	ng		83

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	196845	44.87	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	194410	43.02	ng		93
45) 1,1'-Biphenyl	9.52	154	833652	44.15	ng		98
46) 2-Chloronaphthalene	9.54	162	624400	43.88	ng		98
47) 2-Nitroaniline	9.74	65	221806	43.76	ng		99
48) Acenaphthylene	10.19	152	976494	41.91	ng		99
49) Dimethylphthalate	10.06	163	740103	44.25	ng		99
50) 2,6-Dinitrotoluene	10.16	165	147581	41.90	ng		91
51) Acenaphthene	10.48	154	558364	41.64	ng		99
52) 3-Nitroaniline	10.42	138	160018	42.14	ng		98
53) 2,4-Dinitrophenol	10.65	184	20156	17.64	ng		92
54) Dibenzofuran	10.75	168	776452	41.80	ng		97
55) 4-Nitrophenol	10.84	139	67356	31.49	ng		95
56) 2,4-Dinitrotoluene	10.82	165	187269	40.71	ng	#	74
57) Fluorene	11.31	166	659100	40.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.00	232	130144	38.50	ng	#	100
59) Diethylphthalate	11.21	149	697484	43.33	ng		99
60) 4-Chlorophenyl-phenylether	11.33	204	314608	40.62	ng		99
61) 4-Nitroaniline	11.42	138	146067	42.46	ng		93
62) Azobenzene	11.60	77	673947	39.24	ng		98
64) 4,6-Dinitro-2-methylphenol	11.48	198	46999	22.14	ng		88
65) n-Nitrosodiphenylamine	11.55	169	529829	46.21	ng		99
66) 4-Bromophenyl-phenylether	12.12	248	176409	46.62	ng		93
67) Hexachlorobenzene	12.19	284	180902	44.72	ng		97
68) Atrazine	12.47	200	140895	40.64	ng		97
69) Pentachlorophenol	12.56	266	56333	33.38	ng		92
70) Phenanthrene	12.85	178	852863	42.31	ng		100
71) Anthracene	12.93	178	850254	41.36	ng		99
72) Carbazole	13.23	167	748527	42.41	ng		98
73) Di-n-butylphthalate	13.86	149	986306	46.40	ng		99
74) Fluoranthene	14.77	202	829740	41.54	ng		97
76) Benzidine	15.06	184	394097	36.99	ng		97
77) Pyrene	15.14	202	851000	38.58	ng		99
79) Butylbenzylphthalate	16.27	149	377726	43.55	ng		90
80) Benzo(a)anthracene	17.00	228	731762	42.42	ng		99
81) 3,3'-Dichlorobenzidine	17.00	252	260823	47.27	ng	#	95
82) Chrysene	17.05	228	701542	40.82	ng		98
83) Bis(2-ethylhexyl)phthalate	17.12	149	530361	46.60	ng	#	96
84) Di-n-octyl phthalate	17.88	149	908831	55.99	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.91	276	497437	33.76	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	685984m	55.09	ng		
88) Benzo(k)fluoranthene	18.31	252	434033m	34.02	ng		
89) Benzo(a)pyrene	18.60	252	500904	41.35	ng	#	96
90) Dibenzo(a,h)anthracene	19.91	278	436254	37.43	ng		98
91) Benzo(g,h,i)perylene	20.26	276	388063	33.04	ng		99

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

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