Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083526.D
Acq On : 6 Dec 2015 12:54
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:33:17 PM

Quant Time: Dec 07 05:14:31 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	5.73	152	148013	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	579162	20.00	ng		-0.03
38) Acenaphthene-d10	10.43	164	282838	20.00	ng		-0.03
63) Phenanthrene-d10	12.82	188	543617	20.00	ng		-0.03
75) Chrysene-d12	17.03	240	470209	20.00	ng		-0.02
86) Perylene-d12	18.65	264	392434	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	845554	86.67	ng		-0.03
7) Phenol-d6	5.30	99	1102931	82.05	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1041544	84.06	ng		-0.03
41) 2,4,6-Tribromophenol	11.72	330	224880	86.19	ng		-0.03
44) 2-Fluorobiphenyl	9.39	172	1734938	83.20	ng		-0.03
78) Terphenyl-d14	15.46	244	1630242	77.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	215724	42.16	ng		92
3) Pyridine	2.28	79	557954	45.69	ng		98
4) n-Nitrosodimethylamine	2.25	42	261101	42.45	ng		99
6) Aniline	5.29	93	719851	41.14	ng		95
8) 2-Chlorophenol	5.45	128	450951	41.56	ng		98
9) Benzaldehyde	5.13	77	316726	41.10	ng		99
10) Phenol	5.31	94	634612	40.37	ng		87
11) bis(2-Chloroethyl)ether	5.39	93	456082	39.15	ng		98
12) 1,3-Dichlorobenzene	5.65	146	499630	41.52	ng		98
13) 1,4-Dichlorobenzene	5.76	146	504483	41.05	ng		99
14) 1,2-Dichlorobenzene	5.97	146	472973	41.86	ng		99
15) Benzyl Alcohol	5.97	79	409869	43.95	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.16	45	889035	41.16	ng		76
17) 2-Methylphenol	6.17	107	368703	41.17	ng		100
18) Hexachloroethane	6.45	117	182289	42.51	ng	#	87
19) n-Nitroso-di-n-propylamine	6.37	70	387012	43.16	ng		96
20) 3+4-Methylphenols	6.41	107	487300	41.89	ng		95
22) Acetophenone	6.35	105	706213	42.33	ng	#	97
24) Nitrobenzene	6.59	77	560925	41.11	ng		99
25) Isophorone	6.97	82	1013595	42.60	ng		98
26) 2-Nitrophenol	7.07	139	235390	43.72	ng		94
27) 2,4-Dimethylphenol	7.20	122	402231	42.28	ng		99
28) bis(2-Chloroethoxy)methane	7.32	93	568623	42.88	ng		99
29) 2,4-Dichlorophenol	7.47	162	369021	42.95	ng		99
30) 1,2,4-Trichlorobenzene	7.56	180	399141	42.02	ng		99
31) Naphthalene	7.68	128	1297805	42.10	ng		99
32) Benzoic acid	7.48	122	204573	38.69	ng		95
33) 4-Chloroaniline	7.80	127	476019	39.47	ng		95
34) Hexachlorobutadiene	7.88	225	236133	42.07	ng		97
35) Caprolactam	8.41	113	118391	43.33	ng		91
36) 4-Chloro-3-methylphenol	8.64	107	411550	42.57	ng		96
37) 2-Methylnaphthalene	8.77	142	807175	42.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	400393	43.05	ng	#	100
40) Hexachlorocyclopentadiene	9.02	237	112628	37.26	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	255135	43.69	ng		96
43) 2,4,5-Trichlorophenol	9.33	196	252992	42.06	ng		95
45) 1,1'-Biphenyl	9.54	154	1060466	42.19	ng		99
46) 2-Chloronaphthalene	9.55	162	799214	42.20	ng		99
47) 2-Nitroaniline	9.76	65	301679	44.72	ng	#	82
48) Acenaphthylene	10.20	152	1299295	41.90	ng		100
49) Dimethylphthalate	10.09	163	957860	43.03	ng		98
50) 2,6-Dinitrotoluene	10.17	165	207887	44.35	ng	#	79
51) Acenaphthene	10.49	154	745923	41.80	ng		99
52) 3-Nitroaniline	10.43	138	221299	43.79	ng		86
53) 2,4-Dinitrophenol	10.62	184	92504	42.26	ng		96
54) Dibenzofuran	10.76	168	1042009	42.14	ng		96
55) 4-Nitrophenol	10.81	139	116264	40.85	ng	#	82
56) 2,4-Dinitrotoluene	10.82	165	276516	45.17	ng	#	80
57) Fluorene	11.32	166	903473	42.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.00	232	192433	42.77	ng	#	100
59) Diethylphthalate	11.22	149	924345	43.15	ng		100
60) 4-Chlorophenyl-phenylether	11.34	204	428886	41.61	ng		98
61) 4-Nitroaniline	11.42	138	202743	44.28	ng		90
62) Azobenzene	11.61	77	947898	41.47	ng		99
64) 4,6-Dinitro-2-methylphenol	11.48	198	150794	41.61	ng	#	74
65) n-Nitrosodiphenylamine	11.56	169	738249	41.02	ng		99
66) 4-Bromophenyl-phenylether	12.13	248	254681	42.87	ng		94
67) Hexachlorobenzene	12.20	284	263746	41.53	ng		99
68) Atrazine	12.48	200	233139	42.84	ng		97
69) Pentachlorophenol	12.56	266	104405	38.61	ng		96
70) Phenanthrene	12.87	178	1296444	40.97	ng		100
71) Anthracene	12.95	178	1336690	41.42	ng		99
72) Carbazole	13.24	167	1165926	42.07	ng		98
73) Di-n-butylphthalate	13.87	149	1455855	43.62	ng		99
74) Fluoranthene	14.79	202	1349433	43.03	ng		99
76) Benzidine	15.06	184	595177	35.03	ng		97
77) Pyrene	15.14	202	1367921	38.89	ng		99
79) Butylbenzylphthalate	16.28	149	608606	44.00	ng		92
80) Benzo(a)anthracene	17.00	228	1156769	42.05	ng		99
81) 3,3'-Dichlorobenzidine	17.00	252	396887	45.10	ng		97
82) Chrysene	17.06	228	1140250	41.60	ng		99
83) Bis(2-ethylhexyl)phthalate	17.13	149	841961	46.39	ng	#	96
84) Di-n-octyl phthalate	17.89	149	1336755	51.64	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.88	276	814037	34.65	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	917336m	41.62	ng		
88) Benzo(k)fluoranthene	18.31	252	1017039m	45.05	ng		
89) Benzo(a)pyrene	18.60	252	899984	41.98	ng	#	94
90) Dibenzo(a,h)anthracene	19.89	278	685152	33.22	ng		99
91) Benzo(g,h,i)perylene	20.24	276	659445	31.73	ng		98

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

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