Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090987.D
Acq On : 2 Nov 2016 18:40
Operator : UM/SJ
Sample : H5509-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MSD

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:50 PM

Quant Time: Nov 03 12:36:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173979	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	726748	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	413372	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	639341	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	466938	20.00	ng		-0.02
86) Perylene-d12	15.28	264	323018	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1693895	170.23	ng		0.00
7) Phenol-d6	6.38	99	2025534	150.88	ng		-0.01
23) Nitrobenzene-d5	7.30	82	1374737	123.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	681882	160.51	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	2256633	95.86	ng		-0.02
78) Terphenyl-d14	12.84	244	2443927	131.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	165881	32.61	ng	#	67
3) Pyridine	2.98	79	601202	43.56	ng	#	72
4) n-Nitrosodimethylamine	2.94	42	253268	65.19	ng	#	63
6) Aniline	6.41	93	395811m	25.81	ng		
8) 2-Chlorophenol	6.51	128	627098	51.09	ng		84
9) Benzaldehyde	6.27	77	82370	11.88	ng	#	79
10) Phenol	6.40	94	828902	56.03	ng	#	66
11) bis(2-Chloroethyl)ether	6.46	93	900875m	73.60	ng		
12) 1,3-Dichlorobenzene	6.66	146	613874	48.89	ng	#	91
13) 1,4-Dichlorobenzene	6.74	146	678456	51.38	ng	#	90
14) 1,2-Dichlorobenzene	6.90	146	636132	50.26	ng		96
15) Benzyl Alcohol	6.88	79	532174	60.36	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.01	45	745221	61.18	ng		59
17) 2-Methylphenol	7.00	107	534595	57.25	ng	#	79
18) Hexachloroethane	7.23	117	241207	50.19	ng		90
19) n-Nitroso-di-n-propylamine	7.15	70	443679	57.16	ng	#	72
20) 3+4-Methylphenols	7.16	107	665325	61.54	ng		90
22) Acetophenone	7.14	105	851781	56.97	ng	#	83
24) Nitrobenzene	7.31	77	680952	57.99	ng	#	66
25) Isophorone	7.56	82	1303672	57.87	ng	#	92
26) 2-Nitrophenol	7.63	139	345915	54.99	ng	#	63
27) 2,4-Dimethylphenol	7.69	122	608443	59.74	ng		85
28) bis(2-Chloroethoxy)methane	7.77	93	784560	61.23	ng	#	93
29) 2,4-Dichlorophenol	7.88	162	557941	59.17	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	571492	52.44	ng		99
31) Naphthalene	8.03	128	1723804	50.74	ng		97
32) Benzoic acid	7.78	122	41278	5.58	ng	#	75
33) 4-Chloroaniline	8.11	127	492844	35.91	ng	#	89
34) Hexachlorobutadiene	8.16	225	334003	52.12	ng		99
35) Caprolactam	8.48	113	193154m	65.99	ng		
36) 4-Chloro-3-methylphenol	8.59	107	660819	64.43	ng	#	82
37) 2-Methylnaphthalene	8.73	142	1249697	56.96	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	621207	54.78	ng		99
40) Hexachlorocyclopentadiene	8.89	237	544988	104.46	ng		97

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	404159	55.20	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	389550	51.66	ng	#	85
45) 1,1'-Biphenyl	9.20	154	1599742	53.73	ng		92
46) 2-Chloronaphthalene	9.22	162	1292422	57.06	ng	#	91
47) 2-Nitroaniline	9.32	65	482062	75.43	ng	#	76
48) Acenaphthylene	9.63	152	1768990	51.58	ng		95
49) Dimethylphthalate	9.50	163	2270809	82.22	ng	#	96
50) 2,6-Dinitrotoluene	9.56	165	305750	50.13	ng	#	33
51) Acenaphthene	9.80	154	1043280	44.17	ng		88
52) 3-Nitroaniline	9.73	138	263952	40.65	ng	#	59
53) 2,4-Dinitrophenol	9.85	184	161002	50.14	ng	#	80
54) Dibenzofuran	9.97	168	1484310	48.70	ng	#	84
55) 4-Nitrophenol	9.92	139	443809	112.07	ng	#	47
56) 2,4-Dinitrotoluene	9.97	165	450427	59.45	ng	#	85
57) Fluorene	10.32	166	1199434	48.04	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.10	232	344212	51.12	ng		92
59) Diethylphthalate	10.20	149	1383175	50.42	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	601697	49.37	ng		89
61) 4-Nitroaniline	10.35	138	311284	48.40	ng	#	43
62) Azobenzene	10.46	77	1679449	62.26	ng		83
64) 4,6-Dinitro-2-methylphenol	10.38	198	224059	52.86	ng	#	73
65) n-Nitrosodiphenylamine	10.43	169	1094236	55.87	ng		89
66) 4-Bromophenyl-phenylether	10.80	248	349788	49.96	ng	#	89
67) Hexachlorobenzene	10.86	284	427074	51.54	ng	#	89
68) Atrazine	10.97	200	332236	54.84	ng		85
69) Pentachlorophenol	11.06	266	420425	94.58	ng		98
70) Phenanthrene	11.28	178	1843106m	56.61	ng		
71) Anthracene	11.32	178	1825324	53.24	ng		96
72) Carbazole	11.48	167	1512667	49.96	ng	#	91
73) Di-n-butylphthalate	11.82	149	2165973	55.50	ng	#	99
74) Fluoranthene	12.45	202	1724449	48.37	ng		97
76) Benzidine	12.59	184	645032	63.27	ng	#	97
77) Pyrene	12.68	202	1615245m	54.66	ng		
79) Butylbenzylphthalate	13.31	149	836884	62.42	ng	#	84
80) Benzo(a)anthracene	13.87	228	1408251	56.83	ng		96
81) 3,3'-Dichlorobenzidine	13.84	252	392094	40.76	ng		99
82) Chrysene	13.92	228	1363996	54.42	ng		94
83) Bis(2-ethylhexyl)phthalate	13.87	149	1144225	65.53	ng	#	93
84) Di-n-octyl phthalate	14.49	149	1891700	64.52	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.61	276	1144360	51.52	ng	#	88
87) Benzo(b)fluoranthene	14.89	252	1133825m	52.20	ng		
88) Benzo(k)fluoranthene	14.91	252	1037003m	60.41	ng		
89) Benzo(a)pyrene	15.22	252	990873	53.09	ng	#	91
90) Dibenzo(a,h)anthracene	16.63	278	971375	61.48	ng	#	80
91) Benzo(g,h,i)perylene	17.00	276	939069	63.11	ng	#	79

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

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