Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090425.D
Acq On : 6 Oct 2016 18:31
Operator : UM/SJ
Sample : PB93820BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93820BS

Manual Integrations APPROVED
sohil
10/7/2016 7:02:48 PM

Quant Time: Oct 06 19:25:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	217573	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	924214	20.00	ng		-0.01
38) Acenaphthene-d10	10.05	164	486307	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	812479	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	775707	20.00	ng		-0.01
86) Perylene-d12	15.69	264	558790	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	2175329	149.22	ng		0.01
7) Phenol-d6	6.62	99	2795580	146.42	ng		0.00
23) Nitrobenzene-d5	7.56	82	1727199	90.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	640589	162.00	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2677451	91.73	ng		-0.01
78) Terphenyl-d14	13.13	244	3074755	89.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	301304	41.93	ng	#	91
3) Pyridine	3.51	79	888429	44.34	ng	#	84
4) n-Nitrosodimethylamine	3.47	42	391794	47.38	ng	#	59
6) Aniline	6.66	93	912980	34.62	ng		98
8) 2-Chlorophenol	6.78	128	816673	50.91	ng		100
9) Benzaldehyde	6.54	77	340791	35.31	ng		98
10) Phenol	6.63	94	943720	42.51	ng		95
11) bis(2-Chloroethyl)ether	6.74	93	844693	49.70	ng		92
12) 1,3-Dichlorobenzene	6.94	146	809602	50.62	ng		99
13) 1,4-Dichlorobenzene	7.01	146	772990	47.59	ng		98
14) 1,2-Dichlorobenzene	7.17	146	838936	53.61	ng		98
15) Benzyl Alcohol	7.14	79	807422	55.63	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1218054	42.26	ng		92
17) 2-Methylphenol	7.25	107	731817	55.47	ng		97
18) Hexachloroethane	7.51	117	324280	50.64	ng		99
19) n-Nitroso-di-n-propylamine	7.41	70	633612	45.26	ng	#	82
20) 3+4-Methylphenols	7.40	107	816783	47.83	ng	#	89
22) Acetophenone	7.41	105	1165608	53.25	ng	#	87
24) Nitrobenzene	7.58	77	1052581	55.80	ng		92
25) Isophorone	7.82	82	1735786	49.97	ng		100
26) 2-Nitrophenol	7.90	139	429419	52.89	ng		96
27) 2,4-Dimethylphenol	7.94	122	819722	51.92	ng		99
28) bis(2-Chloroethoxy)methane	8.03	93	990970	48.23	ng	#	97
29) 2,4-Dichlorophenol	8.14	162	666899	55.56	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	631275	51.03	ng		99
31) Naphthalene	8.30	128	2142814	48.06	ng		99
32) Benzoic acid	8.05	122	537269	48.95	ng		95
33) 4-Chloroaniline	8.35	127	401279	21.77	ng		97
34) Hexachlorobutadiene	8.43	225	375499	54.33	ng		99
35) Caprolactam	8.73	113	241879m	59.93	ng		
36) 4-Chloro-3-methylphenol	8.84	107	801392	53.32	ng		92
37) 2-Methylnaphthalene	9.00	142	1414672	52.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	701412	54.71	ng		99
40) Hexachlorocyclopentadiene	9.16	237	824393	117.30	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	433928	49.05	ng		96
43) 2,4,5-Trichlorophenol	9.32	196	448147	53.57	ng		96
45) 1,1'-Biphenyl	9.47	154	1881261	52.21	ng		98
46) 2-Chloronaphthalene	9.49	162	1348966	50.66	ng		99
47) 2-Nitroaniline	9.58	65	533451	50.78	ng		94
48) Acenaphthylene	9.91	152	2275727	51.80	ng		99
49) Dimethylphthalate	9.77	163	1431385	45.96	ng		100
50) 2,6-Dinitrotoluene	9.82	165	340287	49.21	ng		94
51) Acenaphthene	10.09	154	1598790	58.37	ng		100
52) 3-Nitroaniline	9.99	138	258653	32.02	ng		99
53) 2,4-Dinitrophenol	10.10	184	388070	125.88	ng	#	74
54) Dibenzofuran	10.26	168	2051303	57.86	ng		96
55) 4-Nitrophenol	10.15	139	671716	95.04	ng		97
56) 2,4-Dinitrotoluene	10.23	165	557176	60.55	ng	#	57
57) Fluorene	10.60	166	1597471	53.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	419589	67.16	ng	#	87
59) Diethylphthalate	10.47	149	1775986	55.11	ng		96
60) 4-Chlorophenyl-phenylether	10.59	204	738064	54.48	ng		98
61) 4-Nitroaniline	10.61	138	402018	49.40	ng		94
62) Azobenzene	10.75	77	2004190	53.85	ng		90
64) 4,6-Dinitro-2-methylphenol	10.65	198	268266	48.81	ng	#	43
65) n-Nitrosodiphenylamine	10.71	169	1388364	50.99	ng		99
66) 4-Bromophenyl-phenylether	11.08	248	440451	55.30	ng		94
67) Hexachlorobenzene	11.15	284	463253	52.23	ng	#	90
68) Atrazine	11.24	200	470426	70.07	ng		95
69) Pentachlorophenol	11.34	266	641322	121.47	ng		99
70) Phenanthrene	11.56	178	2119826	50.95	ng		98
71) Anthracene	11.62	178	2391308	56.29	ng		99
72) Carbazole	11.77	167	1975153	50.04	ng		99
73) Di-n-butylphthalate	12.10	149	2371931	49.38	ng		99
74) Fluoranthene	12.76	202	2471282	60.56	ng		93
76) Benzidine	12.87	184	999289	48.99	ng		100
77) Pyrene	12.99	202	2475009	47.85	ng		99
79) Butylbenzylphthalate	13.61	149	1270356	47.87	ng		89
80) Benzo(a)anthracene	14.18	228	2226096	51.15	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	533736	33.82	ng	#	99
82) Chrysene	14.22	228	2179225	54.41	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	1624699	43.07	ng		99
84) Di-n-octyl phthalate	14.78	149	2650486	47.39	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.21	276	1549207	54.25	ng	#	94
87) Benzo(b)fluoranthene	15.25	252	1907987	53.60	ng	#	96
88) Benzo(k)fluoranthene	15.29	252	1896885m	56.73	ng		
89) Benzo(a)pyrene	15.63	252	1681301	54.80	ng	#	96
90) Dibenzo(a,h)anthracene	17.23	278	1335151	51.15	ng	#	94
91) Benzo(g,h,i)perylene	17.68	276	1219735	48.70	ng		98

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

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