Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090457.D
Acq On : 7 Oct 2016 21:29
Operator : UM/SJ
Sample : PB93841BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93841BSD

Manual Integrations APPROVED
sohil
10/10/2016 6:53:14 PM

Quant Time: Oct 08 00:33:38 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	6.99	152	241529	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	1058266	20.00	ng		-0.01
38) Acenaphthene-d10	10.04	164	524340	20.00	ng		-0.01
63) Phenanthrene-d10	11.53	188	787576	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	513935	20.00	ng		-0.02
86) Perylene-d12	15.68	264	379921	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1084313	67.00	ng		0.00
7) Phenol-d6	6.62	99	1467935	69.26	ng		0.00
23) Nitrobenzene-d5	7.55	82	1505543	69.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.83	330	322563	75.66	ng		-0.02
44) 2-Fluorobiphenyl	9.35	172	2413733	76.70	ng		-0.02
78) Terphenyl-d14	13.11	244	1933050	84.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	228515	28.64	ng	#	87
3) Pyridine	3.53	79	677315	30.45	ng	#	79
4) n-Nitrosodimethylamine	3.48	42	276451	30.12	ng	#	46
6) Aniline	6.65	93	467677	15.97	ng	#	87
8) 2-Chlorophenol	6.77	128	634212	35.61	ng		91
9) Benzaldehyde	6.53	77	274250	25.60	ng		99
10) Phenol	6.63	94	740341	30.04	ng		96
11) bis(2-Chloroethyl)ether	6.71	93	629984	33.39	ng		90
12) 1,3-Dichlorobenzene	6.93	146	667161	37.58	ng		99
13) 1,4-Dichlorobenzene	7.00	146	633248	35.12	ng		96
14) 1,2-Dichlorobenzene	7.16	146	632448	36.40	ng		98
15) Benzyl Alcohol	7.13	79	598780	37.16	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.26	45	910164	28.44	ng		89
17) 2-Methylphenol	7.25	107	571085	38.99	ng		99
18) Hexachloroethane	7.50	117	232229	32.67	ng		94
19) n-Nitroso-di-n-propylamine	7.40	70	485339	31.23	ng	#	81
20) 3+4-Methylphenols	7.40	107	690510	36.42	ng	#	80
22) Acetophenone	7.40	105	905875	36.14	ng	#	94
24) Nitrobenzene	7.57	77	737536	34.15	ng		98
25) Isophorone	7.81	82	1330216	33.44	ng		99
26) 2-Nitrophenol	7.89	139	359347	38.66	ng	#	89
27) 2,4-Dimethylphenol	7.93	122	603453	33.38	ng		94
28) bis(2-Chloroethoxy)methane	8.02	93	833882	35.45	ng	#	96
29) 2,4-Dichlorophenol	8.14	162	490538	35.69	ng		96
30) 1,2,4-Trichlorobenzene	8.22	180	540217	38.13	ng		95
31) Naphthalene	8.30	128	1933607	37.87	ng		98
32) Benzoic acid	8.05	122	434349	34.56	ng		97
33) 4-Chloroaniline	8.35	127	189748	8.99	ng	#	89
34) Hexachlorobutadiene	8.42	225	274493	34.68	ng		99
35) Caprolactam	8.73	113	190576	41.24	ng	#	67
36) 4-Chloro-3-methylphenol	8.84	107	640906	37.24	ng		94
37) 2-Methylnaphthalene	8.99	142	1166239	37.74	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	522502	37.80	ng		98
40) Hexachlorocyclopentadiene	9.15	237	361886	47.76	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	376402	39.46	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	394214	43.70	ng	#	90
45) 1,1'-Biphenyl	9.46	154	1307517	33.65	ng		95
46) 2-Chloronaphthalene	9.48	162	1095965	38.18	ng		97
47) 2-Nitroaniline	9.58	65	434873	38.39	ng	#	77
48) Acenaphthylene	9.90	152	1735677	36.64	ng		99
49) Dimethylphthalate	9.77	163	1406208	41.88	ng		98
50) 2,6-Dinitrotoluene	9.82	165	324435	43.52	ng	#	74
51) Acenaphthene	10.07	154	1074562	36.38	ng		97
52) 3-Nitroaniline	9.98	138	174901	20.08	ng		86
53) 2,4-Dinitrophenol	10.10	184	135386	40.73	ng	#	76
54) Dibenzofuran	10.25	168	1483560	38.81	ng		94
55) 4-Nitrophenol	10.15	139	450746	59.15	ng		97
56) 2,4-Dinitrotoluene	10.22	165	374971	37.79	ng	#	42
57) Fluorene	10.59	166	1171198	36.46	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	283529	42.09	ng	#	87
59) Diethylphthalate	10.46	149	1381071	39.75	ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	560780	38.39	ng	#	88
61) 4-Nitroaniline	10.60	138	273196	31.13	ng		93
62) Azobenzene	10.74	77	1494167	37.23	ng		88
64) 4,6-Dinitro-2-methylphenol	10.63	198	118633	25.22	ng	#	52
65) n-Nitrosodiphenylamine	10.70	169	1147398	43.48	ng		98
66) 4-Bromophenyl-phenylether	11.07	248	318505	41.26	ng	#	79
67) Hexachlorobenzene	11.14	284	341087	39.67	ng	#	78
68) Atrazine	11.23	200	318740	48.98	ng		97
69) Pentachlorophenol	11.33	266	369737	72.25	ng		99
70) Phenanthrene	11.56	178	1751395	43.43	ng		97
71) Anthracene	11.61	178	1598590	38.82	ng		99
72) Carbazole	11.77	167	1465594	38.30	ng	#	95
73) Di-n-butylphthalate	12.09	149	1941647	41.70	ng		99
74) Fluoranthene	12.75	202	1540598	38.95	ng		93
76) Benzidine	12.86	184	569048	42.11	ng		99
77) Pyrene	12.98	202	1447829	42.25	ng		99
79) Butylbenzylphthalate	13.59	149	742776	42.24	ng	#	88
80) Benzo(a)anthracene	14.17	228	1108071	38.43	ng		98
81) 3,3'-Dichlorobenzidine	14.13	252	325727	31.16	ng	#	98
82) Chrysene	14.20	228	934399	35.21	ng		98
83) Bis(2-ethylhexyl)phthalate	14.15	149	922788	36.92	ng	#	98
84) Di-n-octyl phthalate	14.77	149	1341382	36.20	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	841867	44.49	ng		94
87) Benzo(b)fluoranthene	15.24	252	1010549	41.76	ng		98
88) Benzo(k)fluoranthene	15.26	252	793925m	34.93	ng		
89) Benzo(a)pyrene	15.62	252	872003	41.81	ng		97
90) Dibenzo(a,h)anthracene	17.21	278	730789	41.18	ng	#	96
91) Benzo(g,h,i)perylene	17.64	276	661869	38.87	ng		97

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

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