Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090353.D
Acq On : 4 Oct 2016 20:28
Operator : UM/SJ
Sample : PB93778BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Manual Integrations APPROVED
sohil
10/5/2016 7:27:31 PM

Quant Time: Oct 05 03:43:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	259752	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1032760	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	472125	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	710469	20.00	ng		0.00
75) Chrysene-d12	14.19	240	489312	20.00	ng		0.00
86) Perylene-d12	15.70	264	421706	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	2051848	124.59	ng		0.00
7) Phenol-d6	6.63	99	2762027	134.17	ng		0.00
23) Nitrobenzene-d5	7.57	82	1718587	97.00	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	590832	144.09	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2699632	93.23	ng		0.00
78) Terphenyl-d14	13.14	244	2176503	103.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	268180	33.36	ng		94
3) Pyridine	3.54	79	882754	41.43	ng		88
4) n-Nitrosodimethylamine	3.49	42	365181	47.31	ng	#	67
6) Aniline	6.69	93	646187	22.85	ng		99
8) 2-Chlorophenol	6.79	128	751694	40.62	ng		99
9) Benzaldehyde	6.55	77	338229	35.40	ng		98
10) Phenol	6.65	94	1136168	45.38	ng		92
11) bis(2-Chloroethyl)ether	6.74	93	720559	40.53	ng		85
12) 1,3-Dichlorobenzene	6.95	146	752710	39.16	ng		99
13) 1,4-Dichlorobenzene	7.02	146	715088	36.64	ng		97
14) 1,2-Dichlorobenzene	7.18	146	770446	41.52	ng		99
15) Benzyl Alcohol	7.15	79	725836	50.02	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1191417	43.84	ng		95
17) 2-Methylphenol	7.25	107	567783	39.61	ng		98
18) Hexachloroethane	7.53	117	283957	40.21	ng		93
19) n-Nitroso-di-n-propylamine	7.42	70	646814	49.20	ng	#	83
20) 3+4-Methylphenols	7.41	107	823952	45.21	ng	#	84
22) Acetophenone	7.42	105	1039528	43.47	ng	#	84
24) Nitrobenzene	7.59	77	893265	47.22	ng		92
25) Isophorone	7.83	82	1532485	45.47	ng		97
26) 2-Nitrophenol	7.91	139	321379	44.03	ng		95
27) 2,4-Dimethylphenol	7.94	122	625944	38.01	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	887818	42.42	ng	#	97
29) 2,4-Dichlorophenol	8.15	162	514320	38.15	ng		98
30) 1,2,4-Trichlorobenzene	8.23	180	556934	36.88	ng		100
31) Naphthalene	8.31	128	1926120	39.02	ng		99
32) Benzoic acid	8.04	122	320872	32.25	ng		96
33) 4-Chloroaniline	8.37	127	127526	6.47	ng	#	91
34) Hexachlorobutadiene	8.44	225	309252	34.79	ng		99
35) Caprolactam	8.71	113	138032	39.15	ng		99
36) 4-Chloro-3-methylphenol	8.84	107	620653	42.87	ng		96
37) 2-Methylnaphthalene	9.01	142	1310489	42.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	560343	42.05	ng		98
40) Hexachlorocyclopentadiene	9.17	237	647588	73.03	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	388034	46.29	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	328216	38.91	ng	#	91
45) 1,1'-Biphenyl	9.48	154	1556005	42.57	ng		96
46) 2-Chloronaphthalene	9.50	162	1211734	44.16	ng		98
47) 2-Nitroaniline	9.59	65	403515	53.88	ng	#	83
48) Acenaphthylene	9.91	152	1644832	39.63	ng		99
49) Dimethylphthalate	9.78	163	1305484	46.71	ng		98
50) 2,6-Dinitrotoluene	9.83	165	293928	48.08	ng	#	83
51) Acenaphthene	10.09	154	1181208	46.77	ng		98
52) 3-Nitroaniline	9.99	138	132340	19.11	ng		84
53) 2,4-Dinitrophenol	10.11	184	254995	108.68	ng		89
54) Dibenzofuran	10.27	168	1547579	46.34	ng		97
55) 4-Nitrophenol	10.15	139	525795	95.35	ng		94
56) 2,4-Dinitrotoluene	10.23	165	331277	45.02	ng	#	31
57) Fluorene	10.61	166	1263058	45.21	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	255370m	42.93	ng		
59) Diethylphthalate	10.47	149	1182272	41.38	ng	#	91
60) 4-Chlorophenyl-phenylether	10.60	204	610427	46.08	ng		95
61) 4-Nitroaniline	10.61	138	243908	39.16	ng		94
62) Azobenzene	10.76	77	1704087	57.24	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	156985	48.57	ng	#	52
65) n-Nitrosodiphenylamine	10.71	169	1019561	42.09	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	346729	45.16	ng		96
67) Hexachlorobenzene	11.16	284	348945	38.67	ng	#	91
68) Atrazine	11.24	200	267078	46.05	ng		99
69) Pentachlorophenol	11.34	266	363962	71.95	ng		99
70) Phenanthrene	11.57	178	1629979	42.76	ng		99
71) Anthracene	11.62	178	1605916	42.21	ng		98
72) Carbazole	11.78	167	1487091	42.52	ng		96
73) Di-n-butylphthalate	12.11	149	1796322	42.97	ng		98
74) Fluoranthene	12.76	202	1417243	39.20	ng		97
76) Benzidine	12.87	184	343169	25.50	ng		97
77) Pyrene	12.99	202	1377666	43.97	ng		98
79) Butylbenzylphthalate	13.62	149	673118	54.51	ng		94
80) Benzo(a)anthracene	14.18	228	1265245	46.11	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	264346	27.97	ng	#	98
82) Chrysene	14.22	228	1209425	47.04	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1035221	52.41	ng		100
84) Di-n-octyl phthalate	14.80	149	1507364	52.52	ng		94
85) Indeno(1,2,3-cd)pyrene	17.22	276	1176513	42.58	ng		94
87) Benzo(b)fluoranthene	15.25	252	1291479	53.25	ng	#	95
88) Benzo(k)fluoranthene	15.29	252	862457m	37.23	ng		
89) Benzo(a)pyrene	15.63	252	1025169	46.35	ng	#	94
90) Dibenzo(a,h)anthracene	17.24	278	988083	45.55	ng	#	95
91) Benzo(g,h,i)perylene	17.68	276	968546	45.59	ng		95

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

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