Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090750.D
Acq On : 22 Oct 2016 9:41
Operator : UM/SJ
Sample : PB94209BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94209BS

Manual Integrations APPROVED
sohil
10/24/2016 3:53:44 PM

Quant Time: Oct 24 01:21:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259870	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	1095958	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	551632	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	824134	20.00	ng		0.00
75) Chrysene-d12	14.02	240	536522	20.00	ng		0.00
86) Perylene-d12	15.46	264	393130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1774285	110.11	ng		0.02
7) Phenol-d6	6.51	99	2310314	105.85	ng		0.01
23) Nitrobenzene-d5	7.42	82	1447247	72.43	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	544502	124.71	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	2643743	74.40	ng		0.00
78) Terphenyl-d14	12.97	244	2124221	90.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	273720	29.36	ng	#	81
3) Pyridine	3.35	79	675915	30.94	ng	#	76
4) n-Nitrosodimethylamine	3.31	42	274733	36.75	ng	#	76
6) Aniline	6.53	93	540553	21.84	ng	#	84
8) 2-Chlorophenol	6.65	128	741082	38.31	ng		91
9) Benzaldehyde	6.41	77	236917	19.85	ng	#	80
10) Phenol	6.52	94	975217	39.75	ng	#	66
11) bis(2-Chloroethyl)ether	6.60	93	836390	40.57	ng		91
12) 1,3-Dichlorobenzene	6.79	146	739095	38.04	ng	#	91
13) 1,4-Dichlorobenzene	6.87	146	817680	39.68	ng	#	93
14) 1,2-Dichlorobenzene	7.02	146	716156m	35.50	ng		
15) Benzyl Alcohol	7.00	79	536215	36.17	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	971549	31.47	ng		70
17) 2-Methylphenol	7.13	107	612463	42.02	ng	#	81
18) Hexachloroethane	7.37	117	301397	36.03	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	570761	35.12	ng	#	68
20) 3+4-Methylphenols	7.27	107	683828	39.58	ng	#	61
22) Acetophenone	7.27	105	988201	40.46	ng	#	83
24) Nitrobenzene	7.45	77	815816	37.66	ng	#	73
25) Isophorone	7.69	82	1522024	40.24	ng	#	89
26) 2-Nitrophenol	7.77	139	384931	43.50	ng	#	85
27) 2,4-Dimethylphenol	7.80	122	631609	40.25	ng	#	81
28) bis(2-Chloroethoxy)methane	7.89	93	915321	44.23	ng	#	93
29) 2,4-Dichlorophenol	8.01	162	582438	45.23	ng		93
30) 1,2,4-Trichlorobenzene	8.09	180	640385	42.25	ng		97
31) Naphthalene	8.17	128	2151970	40.14	ng		96
32) Benzoic acid	7.95	122	336707	33.20	ng	#	62
33) 4-Chloroaniline	8.22	127	268505	13.51	ng	#	92
34) Hexachlorobutadiene	8.28	225	353354	41.47	ng		99
35) Caprolactam	8.60	113	178940m	48.65	ng		
36) 4-Chloro-3-methylphenol	8.70	107	628143	41.94	ng	#	79
37) 2-Methylnaphthalene	8.85	142	1355408	43.26	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	596099	40.02	ng		98
40) Hexachlorocyclopentadiene	9.01	237	633180	90.55	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	394418	42.70	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	410638	43.81	ng	#	93
45) 1,1'-Biphenyl	9.32	154	1547149	35.71	ng		91
46) 2-Chloronaphthalene	9.34	162	1249429	38.80	ng	#	89
47) 2-Nitroaniline	9.45	65	413337	38.67	ng	#	77
48) Acenaphthylene	9.77	152	1980962	40.32	ng		95
49) Dimethylphthalate	9.63	163	1411471	40.72	ng	#	97
50) 2,6-Dinitrotoluene	9.69	165	295185	39.60	ng	#	51
51) Acenaphthene	9.94	154	1369026	41.97	ng		89
52) 3-Nitroaniline	9.86	138	163158	19.04	ng	#	64
53) 2,4-Dinitrophenol	9.96	184	227362	60.76	ng	#	33
54) Dibenzofuran	10.11	168	1785592	45.19	ng	#	87
55) 4-Nitrophenol	10.03	139	424548	80.60	ng	#	45
56) 2,4-Dinitrotoluene	10.10	165	461270	50.63	ng	#	95
57) Fluorene	10.45	166	1426205	43.56	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.22	232	327177	44.48	ng		95
59) Diethylphthalate	10.33	149	1417865	39.44	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	659341	44.06	ng	#	88
61) 4-Nitroaniline	10.47	138	299241	34.48	ng	#	47
62) Azobenzene	10.60	77	1670150	39.67	ng		86
64) 4,6-Dinitro-2-methylphenol	10.50	198	167132	33.18	ng	#	72
65) n-Nitrosodiphenylamine	10.57	169	1227043	46.47	ng		90
66) 4-Bromophenyl-phenylether	10.93	248	408259	51.10	ng		95
67) Hexachlorobenzene	11.00	284	476279	50.52	ng	#	80
68) Atrazine	11.09	200	331380	45.47	ng		85
69) Pentachlorophenol	11.19	266	444322	76.09	ng		98
70) Phenanthrene	11.41	178	1921278m	45.74	ng		
71) Anthracene	11.46	178	1842715	39.56	ng		95
72) Carbazole	11.62	167	1681799	43.18	ng	#	93
73) Di-n-butylphthalate	11.95	149	2161246	42.78	ng	#	96
74) Fluoranthene	12.60	202	1769897	43.55	ng		88
76) Benzidine	12.72	184	285999	24.01	ng		96
77) Pyrene	12.82	202	1678559	44.80	ng		94
79) Butylbenzylphthalate	13.45	149	898120	52.14	ng		93
80) Benzo(a)anthracene	14.01	228	1276707	43.48	ng		95
81) 3,3'-Dichlorobenzidine	13.97	252	262771	25.83	ng		99
82) Chrysene	14.05	228	1387511m	48.42	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	1142733	46.37	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1636863	43.76	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.86	276	1045094	41.80	ng	#	95
87) Benzo(b)fluoranthene	15.05	252	1048495	43.37	ng	#	88
88) Benzo(k)fluoranthene	15.07	252	999743m	41.15	ng		
89) Benzo(a)pyrene	15.40	252	962336	42.43	ng	#	87
90) Dibenzo(a,h)anthracene	16.89	278	900954	41.37	ng	#	83
91) Benzo(g,h,i)perylene	17.30	276	841426	39.84	ng	#	80

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

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