Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091373.D
Acq On : 1 Dec 2016 15:25
Operator : UM/SJ
Sample : PB94983BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94983BS

Manual Integrations APPROVED
sohil
12/2/2016 4:20:40 PM

Quant Time: Dec 02 00:03:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	195064	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	817715	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	450124	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	785197	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	529295	20.00	ng		-0.02
86) Perylene-d12	15.44	264	480507	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1430434	119.80	ng		0.00
7) Phenol-d6	6.49	99	1603977	109.12	ng		0.00
23) Nitrobenzene-d5	7.43	82	1152773	79.00	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	470443	110.40	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1844752	74.21	ng		-0.02
78) Terphenyl-d14	12.97	244	2030626	83.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	174707	32.34	ng		88
3) Pyridine	3.28	79	521372	34.11	ng		89
4) n-Nitrosodimethylamine	3.22	42	314713	39.24	ng		100
6) Aniline	6.52	93	529753	27.13	ng	#	73
8) 2-Chlorophenol	6.64	128	458048	34.99	ng	#	78
9) Benzaldehyde	6.40	77	151334	16.01	ng		86
10) Phenol	6.50	94	612484	35.41	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	452167	36.59	ng		97
12) 1,3-Dichlorobenzene	6.80	146	537690	36.92	ng		99
13) 1,4-Dichlorobenzene	6.88	146	540278	37.30	ng		96
14) 1,2-Dichlorobenzene	7.03	146	474892	35.20	ng		98
15) Benzyl Alcohol	7.01	79	460528	39.15	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	961381	36.18	ng		72
17) 2-Methylphenol	7.12	107	399892	38.64	ng	#	76
18) Hexachloroethane	7.37	117	187885	36.53	ng	#	87
19) n-Nitroso-di-n-propylamine	7.28	70	367038	39.64	ng	#	93
20) 3+4-Methylphenols	7.27	107	476377	37.71	ng	#	65
22) Acetophenone	7.27	105	654446	33.77	ng	#	78
24) Nitrobenzene	7.44	77	511091	34.21	ng	#	91
25) Isophorone	7.68	82	952739	36.86	ng		99
26) 2-Nitrophenol	7.76	139	261820	38.46	ng		90
27) 2,4-Dimethylphenol	7.80	122	446687	35.07	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	629059	40.43	ng		99
29) 2,4-Dichlorophenol	8.00	162	407458	36.37	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	464338	36.97	ng		94
31) Naphthalene	8.17	128	1402659	36.09	ng		99
32) Benzoic acid	7.92	122	286080	30.47	ng		94
33) 4-Chloroaniline	8.22	127	248053	14.93	ng	#	94
34) Hexachlorobutadiene	8.29	225	263272	34.09	ng		96
35) Caprolactam	8.58	113	130156m	40.42	ng		
36) 4-Chloro-3-methylphenol	8.70	107	424645	35.11	ng		96
37) 2-Methylnaphthalene	8.86	142	928616	35.17	ng		92
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	469876	37.03	ng		99
40) Hexachlorocyclopentadiene	9.02	237	511768	87.01	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	317947	38.55	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	299489	36.24	ng	#	93
45) 1,1'-Biphenyl	9.33	154	1227101	37.91	ng		96
46) 2-Chloronaphthalene	9.35	162	893115	37.05	ng		97
47) 2-Nitroaniline	9.44	65	327311	37.81	ng	#	80
48) Acenaphthylene	9.76	152	1280944	33.76	ng		99
49) Dimethylphthalate	9.62	163	1005190	36.88	ng		97
50) 2,6-Dinitrotoluene	9.68	165	222084	36.46	ng		93
51) Acenaphthene	9.93	154	895893	35.00	ng		97
52) 3-Nitroaniline	9.85	138	159730	22.65	ng		95
53) 2,4-Dinitrophenol	9.96	184	168516	63.26	ng		95
54) Dibenzofuran	10.10	168	1194073	34.84	ng		98
55) 4-Nitrophenol	10.01	139	346064	67.95	ng		98
56) 2,4-Dinitrotoluene	10.09	165	325824	41.23	ng		90
57) Fluorene	10.45	166	889430	33.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	251238	35.60	ng		96
59) Diethylphthalate	10.33	149	1047612	38.94	ng	#	94
60) 4-Chlorophenyl-phenylether	10.45	204	479052	36.30	ng		99
61) 4-Nitroaniline	10.47	138	231017	34.89	ng		92
62) Azobenzene	10.61	77	1141562	41.58	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	136431	31.54	ng	#	70
65) n-Nitrosodiphenylamine	10.56	169	828747	34.81	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	311411	36.90	ng	#	70
67) Hexachlorobenzene	11.00	284	311076	34.11	ng	#	86
68) Atrazine	11.09	200	251271	32.59	ng		99
69) Pentachlorophenol	11.19	266	365889	68.15	ng		96
70) Phenanthrene	11.41	178	1342254	32.90	ng		99
71) Anthracene	11.46	178	1574270	38.88	ng		100
72) Carbazole	11.61	167	1314422	35.77	ng		99
73) Di-n-butylphthalate	11.96	149	1585271	38.07	ng		99
74) Fluoranthene	12.60	202	1559004	40.34	ng		98
76) Benzidine	12.71	184	421106	27.10	ng		98
77) Pyrene	12.82	202	1595919	39.73	ng		99
79) Butylbenzylphthalate	13.44	149	624805	41.54	ng		87
80) Benzo(a)anthracene	14.00	228	1178606	38.08	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	255103	23.39	ng	#	96
82) Chrysene	14.05	228	1225649	40.02	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	838067	43.96	ng	#	93
84) Di-n-octyl phthalate	14.62	149	1361488	47.19	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1040043	37.08	ng		95
87) Benzo(b)fluoranthene	15.04	252	1144235m	38.31	ng		
88) Benzo(k)fluoranthene	15.07	252	854331m	34.02	ng		
89) Benzo(a)pyrene	15.39	252	954897	35.60	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	867065	34.95	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	875000	34.21	ng		98

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

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