Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090456.D
Acq On : 7 Oct 2016 21:02
Operator : UM/SJ
Sample : PB93841BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93841BS

Manual Integrations APPROVED
sohil
10/10/2016 6:53:11 PM

Quant Time: Oct 08 00:32:26 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	240888	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	1049883	20.00	ng		-0.01
38) Acenaphthene-d10	10.04	164	524573	20.00	ng		-0.01
63) Phenanthrene-d10	11.53	188	818335	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	506470	20.00	ng		-0.02
86) Perylene-d12	15.68	264	426673	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1101101	68.22	ng		0.00
7) Phenol-d6	6.62	99	1507033	71.29	ng		0.00
23) Nitrobenzene-d5	7.56	82	1554517	72.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	355253	83.29	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	2420205	76.87	ng		-0.02
78) Terphenyl-d14	13.13	244	2182265	96.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	225185	28.30	ng	#	87
3) Pyridine	3.51	79	677990	30.56	ng	#	81
4) n-Nitrosodimethylamine	3.47	42	280281	30.62	ng	#	43
6) Aniline	6.65	93	592392	20.29	ng	#	76
8) 2-Chlorophenol	6.78	128	657191	37.00	ng		84
9) Benzaldehyde	6.53	77	281040	26.30	ng		97
10) Phenol	6.63	94	754866	30.71	ng		94
11) bis(2-Chloroethyl)ether	6.73	93	663461	35.26	ng		93
12) 1,3-Dichlorobenzene	6.93	146	687129	38.81	ng		98
13) 1,4-Dichlorobenzene	7.01	146	652277m	36.27	ng		
14) 1,2-Dichlorobenzene	7.16	146	628612	36.28	ng		98
15) Benzyl Alcohol	7.13	79	639057	39.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	932497	29.22	ng		87
17) 2-Methylphenol	7.25	107	598132	40.95	ng		98
18) Hexachloroethane	7.50	117	233664	32.96	ng		95
19) n-Nitroso-di-n-propylamine	7.40	70	524536	33.84	ng	#	82
20) 3+4-Methylphenols	7.40	107	681982	36.07	ng	#	77
22) Acetophenone	7.40	105	931102	37.44	ng	#	94
24) Nitrobenzene	7.57	77	721296	33.66	ng		99
25) Isophorone	7.81	82	1341047	33.98	ng		98
26) 2-Nitrophenol	7.89	139	355148	38.51	ng	#	88
27) 2,4-Dimethylphenol	7.94	122	630180	35.14	ng		96
28) bis(2-Chloroethoxy)methane	8.03	93	852814	36.54	ng		99
29) 2,4-Dichlorophenol	8.14	162	500439	36.70	ng		96
30) 1,2,4-Trichlorobenzene	8.22	180	570600	40.60	ng		96
31) Naphthalene	8.30	128	1963389	38.76	ng		99
32) Benzoic acid	8.06	122	451271	36.19	ng		97
33) 4-Chloroaniline	8.35	127	257379	12.29	ng	#	90
34) Hexachlorobutadiene	8.42	225	282788	36.02	ng		99
35) Caprolactam	8.73	113	199413	43.50	ng	#	61
36) 4-Chloro-3-methylphenol	8.84	107	660447	38.68	ng		95
37) 2-Methylnaphthalene	8.99	142	1232807	40.21	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	533183	38.55	ng		98
40) Hexachlorocyclopentadiene	9.15	237	332275	43.83	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	403062	42.23	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	389317	43.14	ng	#	91
45) 1,1'-Biphenyl	9.46	154	1365312	35.12	ng		95
46) 2-Chloronaphthalene	9.49	162	1171441	40.79	ng	#	91
47) 2-Nitroaniline	9.58	65	443562	39.14	ng	#	80
48) Acenaphthylene	9.90	152	1736839	36.65	ng		99
49) Dimethylphthalate	9.77	163	1434365	42.70	ng		98
50) 2,6-Dinitrotoluene	9.82	165	339362	45.50	ng	#	72
51) Acenaphthene	10.07	154	1128423	38.19	ng		97
52) 3-Nitroaniline	9.98	138	199348	22.88	ng		85
53) 2,4-Dinitrophenol	10.10	184	142068	42.72	ng	#	78
54) Dibenzofuran	10.25	168	1503421	39.31	ng		94
55) 4-Nitrophenol	10.15	139	503484	66.04	ng		98
56) 2,4-Dinitrotoluene	10.22	165	389516	39.24	ng	#	42
57) Fluorene	10.59	166	1192161	37.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	294122	43.64	ng		89
59) Diethylphthalate	10.46	149	1405088	40.42	ng		94
60) 4-Chlorophenyl-phenylether	10.58	204	580271	39.71	ng		89
61) 4-Nitroaniline	10.60	138	296157	33.73	ng		93
62) Azobenzene	10.74	77	1557696	38.80	ng		88
64) 4,6-Dinitro-2-methylphenol	10.63	198	122537	25.11	ng	#	53
65) n-Nitrosodiphenylamine	10.70	169	1180837	43.06	ng		98
66) 4-Bromophenyl-phenylether	11.07	248	338150	42.15	ng	#	79
67) Hexachlorobenzene	11.14	284	356667	39.93	ng	#	75
68) Atrazine	11.23	200	319585	47.26	ng		98
69) Pentachlorophenol	11.33	266	425013	79.93	ng		99
70) Phenanthrene	11.56	178	1851386	44.18	ng		98
71) Anthracene	11.61	178	1625246	37.98	ng		99
72) Carbazole	11.77	167	1606792	40.42	ng		96
73) Di-n-butylphthalate	12.10	149	2095775	43.32	ng	#	95
74) Fluoranthene	12.75	202	1601016	38.95	ng		95
76) Benzidine	12.86	184	669954	50.31	ng		100
77) Pyrene	12.98	202	1513454	44.82	ng		99
79) Butylbenzylphthalate	13.59	149	765256	44.16	ng	#	88
80) Benzo(a)anthracene	14.17	228	1231841	43.35	ng		98
81) 3,3'-Dichlorobenzidine	14.13	252	406059	39.41	ng	#	98
82) Chrysene	14.21	228	1101031	42.10	ng		97
83) Bis(2-ethylhexyl)phthalate	14.16	149	1017147	41.30	ng	#	97
84) Di-n-octyl phthalate	14.77	149	1509015	41.32	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	958581	51.41	ng		95
87) Benzo(b)fluoranthene	15.24	252	1139365	41.92	ng		98
88) Benzo(k)fluoranthene	15.26	252	956618m	37.47	ng		
89) Benzo(a)pyrene	15.62	252	1003636	42.84	ng		99
90) Dibenzo(a,h)anthracene	17.21	278	828792	41.59	ng	#	96
91) Benzo(g,h,i)perylene	17.64	276	735993	38.48	ng		94

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

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