Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090116\
Data File : BF089966.D
Acq On : 1 Sep 2016 12:39
Operator : UM/SJ
Sample : PB93161BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93161BSD

Manual Integrations APPROVED
sohil
9/2/2016 2:08:47 AM

Quant Time: Sep 01 14:08:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	192043	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	744970	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	355435	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	647280	20.00	ng		0.00
75) Chrysene-d12	13.76	240	461496	20.00	ng		0.00
86) Perylene-d12	15.10	264	439204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1528534	127.40	ng		0.01
7) Phenol-d6	6.28	99	1798221	123.35	ng		0.01
23) Nitrobenzene-d5	7.21	82	1119799	87.18	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	402519	114.79	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1967411	90.86	ng		0.00
78) Terphenyl-d14	12.72	244	1521727	81.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	210005	36.94	ng		99
3) Pyridine	2.80	79	555064	36.60	ng		98
4) n-Nitrosodimethylamine	2.75	42	338480	45.26	ng		97
6) Aniline	6.30	93	545847	27.44	ng	#	61
8) 2-Chlorophenol	6.42	128	560242	43.04	ng		92
9) Benzaldehyde	6.17	77	111323	11.84	ng		88
10) Phenol	6.30	94	578663	34.13	ng		99
11) bis(2-Chloroethyl)ether	6.39	93	594868	46.37	ng		88
12) 1,3-Dichlorobenzene	6.58	146	660473	45.43	ng		99
13) 1,4-Dichlorobenzene	6.65	146	630605	42.40	ng		99
14) 1,2-Dichlorobenzene	6.81	146	620904	46.56	ng		99
15) Benzyl Alcohol	6.79	79	422423	46.25	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1096976	44.85	ng		98
17) 2-Methylphenol	6.91	107	515245	49.57	ng		98
18) Hexachloroethane	7.15	117	226017	44.36	ng		96
19) n-Nitroso-di-n-propylamine	7.07	70	428503	45.10	ng		96
20) 3+4-Methylphenols	7.06	107	573421	45.51	ng		96
22) Acetophenone	7.05	105	709078	42.43	ng	#	93
24) Nitrobenzene	7.22	77	571047	41.81	ng		97
25) Isophorone	7.47	82	1155288	44.23	ng		99
26) 2-Nitrophenol	7.54	139	306419	46.94	ng		98
27) 2,4-Dimethylphenol	7.60	122	569060	47.12	ng		94
28) bis(2-Chloroethoxy)methane	7.69	93	766868	48.68	ng		99
29) 2,4-Dichlorophenol	7.79	162	509267	47.04	ng		89
30) 1,2,4-Trichlorobenzene	7.87	180	556090	46.98	ng		100
31) Naphthalene	7.94	128	1561245	42.07	ng		99
32) Benzoic acid	7.72	122	276403	33.98	ng		94
33) 4-Chloroaniline	8.00	127	346188	23.12	ng		96
34) Hexachlorobutadiene	8.07	225	296641	42.77	ng		100
35) Caprolactam	8.38	113	170815m	49.99	ng		
36) 4-Chloro-3-methylphenol	8.49	107	508021	44.31	ng		86
37) 2-Methylnaphthalene	8.64	142	1187820	48.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	409778	39.36	ng		99
40) Hexachlorocyclopentadiene	8.79	237	419204	78.52	ng		94

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Quant Time: Sep 01 14:08:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	351222	48.67	ng		98
43) 2,4,5-Trichlorophenol	8.96	196	339884	48.98	ng	#	94
45) 1,1'-Biphenyl	9.10	154	1129519	39.47	ng		99
46) 2-Chloronaphthalene	9.12	162	944383	46.65	ng		99
47) 2-Nitroaniline	9.22	65	363275	54.89	ng	#	72
48) Acenaphthylene	9.53	152	1468434	43.87	ng		100
49) Dimethylphthalate	9.42	163	1249562	48.64	ng	#	98
50) 2,6-Dinitrotoluene	9.46	165	256975	44.98	ng		95
51) Acenaphthene	9.70	154	1016602	47.94	ng		100
52) 3-Nitroaniline	9.62	138	189398	29.06	ng		99
53) 2,4-Dinitrophenol	9.74	184	222727	63.17	ng	#	68
54) Dibenzofuran	9.87	168	1307275	46.00	ng		99
55) 4-Nitrophenol	9.80	139	482111	98.08	ng		98
56) 2,4-Dinitrotoluene	9.86	165	310278	42.82	ng	#	84
57) Fluorene	10.22	166	989333	47.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	302621	50.94	ng		96
59) Diethylphthalate	10.10	149	1141388	47.23	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	479989	49.12	ng		97
61) 4-Nitroaniline	10.24	138	274322	42.84	ng		93
62) Azobenzene	10.36	77	1202367	49.81	ng		99
64) 4,6-Dinitro-2-methylphenol	10.27	198	159661	38.53	ng	#	49
65) n-Nitrosodiphenylamine	10.33	169	885796	45.52	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	308528	47.35	ng		95
67) Hexachlorobenzene	10.75	284	329463	44.26	ng		95
68) Atrazine	10.87	200	348221	53.60	ng		94
69) Pentachlorophenol	10.95	266	329740	82.34	ng		99
70) Phenanthrene	11.16	178	1431987	44.43	ng		100
71) Anthracene	11.21	178	1489171	45.55	ng		100
72) Carbazole	11.37	167	1288008	42.02	ng		99
73) Di-n-butylphthalate	11.72	149	1734368	48.54	ng	#	97
74) Fluoranthene	12.34	202	1448323	42.88	ng		98
76) Benzidine	12.47	184	490392	28.05	ng		95
77) Pyrene	12.57	202	1433948	44.07	ng		98
79) Butylbenzylphthalate	13.20	149	607670	46.31	ng		99
80) Benzo(a)anthracene	13.75	228	1267747	44.85	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	364414	35.72	ng		99
82) Chrysene	13.78	228	1163083	44.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	864651	47.64	ng		99
84) Di-n-octyl phthalate	14.38	149	1495179	51.04	ng		100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1164643	59.66	ng		100
87) Benzo(b)fluoranthene	14.74	252	1345359m	48.90	ng		
88) Benzo(k)fluoranthene	14.77	252	973662m	41.70	ng		
89) Benzo(a)pyrene	15.05	252	1150473	48.80	ng	#	97
90) Dibenzo(a,h)anthracene	16.35	278	984011	56.97	ng		99
91) Benzo(g,h,i)perylene	16.71	276	936656	53.87	ng		99

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

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