Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083130.D
Acq On : 22 Nov 2015 1:06
Operator : UM/IZ
Sample : PB86781BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86781BSD

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:31 PM

Quant Time: Nov 22 09:43:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	191163	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	738996	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	369267	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	685785	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	629139	20.00	ng		-0.01
86) Perylene-d12	15.15	264	550295	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	970554	76.76	ng		-0.01
7) Phenol-d6	6.32	99	1252534	76.56	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1176951	72.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	284379	75.28	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	1944074	73.41	ng		0.00
78) Terphenyl-d14	12.75	244	1992221	74.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	180463	28.81	ng		96
3) Pyridine	2.97	79	528007	31.92	ng		98
4) n-Nitrosodimethylamine	2.84	42	260926	34.20	ng		100
6) Aniline	6.32	93	481241	24.07	ng	#	83
8) 2-Chlorophenol	6.44	128	517558	37.89	ng		97
9) Benzaldehyde	6.20	77	246832	27.46	ng		90
10) Phenol	6.34	94	673169	34.01	ng	#	73
11) bis(2-Chloroethyl)ether	6.40	93	534691	37.83	ng		99
12) 1,3-Dichlorobenzene	6.59	146	555330m	35.60	ng		
13) 1,4-Dichlorobenzene	6.67	146	562543	35.65	ng		94
14) 1,2-Dichlorobenzene	6.82	146	489166	34.11	ng		98
15) Benzyl Alcohol	6.82	79	501577	36.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	855104	38.80	ng		86
17) 2-Methylphenol	6.95	107	423585	37.47	ng		97
18) Hexachloroethane	7.16	117	202408	36.42	ng	#	86
19) n-Nitroso-di-n-propylamine	7.10	70	404407	35.52	ng	#	86
20) 3+4-Methylphenols	7.10	107	573458	40.13	ng		91
22) Acetophenone	7.08	105	723428	34.10	ng	#	91
24) Nitrobenzene	7.24	77	615505	35.62	ng		100
25) Isophorone	7.50	82	1068418	34.89	ng		99
26) 2-Nitrophenol	7.56	139	273251	35.82	ng		95
27) 2,4-Dimethylphenol	7.62	122	449612	36.93	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	659077	37.02	ng		99
29) 2,4-Dichlorophenol	7.82	162	449581	38.82	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	438579	34.48	ng		95
31) Naphthalene	7.96	128	1437618	36.05	ng		99
32) Benzoic acid	7.78	122	338582	35.78	ng		95
33) 4-Chloroaniline	8.03	127	239820	15.50	ng	#	87
34) Hexachlorobutadiene	8.09	225	265919	35.38	ng		98
35) Caprolactam	8.42	113	150381m	40.52	ng		
36) 4-Chloro-3-methylphenol	8.52	107	482473	35.97	ng		89
37) 2-Methylnaphthalene	8.65	142	914895	35.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	411138	34.35	ng	#	98
40) Hexachlorocyclopentadiene	8.81	237	474535	69.73	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	313990	36.63	ng		100
43) 2,4,5-Trichlorophenol	8.99	196	322549	36.80	ng		99
45) 1,1'-Biphenyl	9.12	154	1112472	35.40	ng		97
46) 2-Chloronaphthalene	9.14	162	906610	36.73	ng		96
47) 2-Nitroaniline	9.24	65	312353	35.77	ng		99
48) Acenaphthylene	9.55	152	1406402	36.76	ng		99
49) Dimethylphthalate	9.44	163	1117032	39.29	ng		99
50) 2,6-Dinitrotoluene	9.48	165	228551	35.83	ng		93
51) Acenaphthene	9.72	154	835941	35.90	ng		99
52) 3-Nitroaniline	9.66	138	133068	19.57	ng	#	66
53) 2,4-Dinitrophenol	9.76	184	288305	78.45	ng	#	85
54) Dibenzofuran	9.90	168	1202395	36.52	ng		96
55) 4-Nitrophenol	9.85	139	370069	70.96	ng		97
56) 2,4-Dinitrotoluene	9.90	165	308252	38.14	ng	#	82
57) Fluorene	10.24	166	1006214	36.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	272571	37.91	ng		99
59) Diethylphthalate	10.14	149	1072402	37.90	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	459605	36.88	ng	#	82
61) 4-Nitroaniline	10.27	138	229561	34.28	ng		89
62) Azobenzene	10.39	77	1239861	38.39	ng		97
64) 4,6-Dinitro-2-methylphenol	10.30	198	196273	41.54	ng		89
65) n-Nitrosodiphenylamine	10.35	169	842913	36.14	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	295808	38.87	ng	#	90
67) Hexachlorobenzene	10.79	284	316034	37.71	ng	#	79
68) Atrazine	10.89	200	266423	39.34	ng		97
69) Pentachlorophenol	10.98	266	388170	71.11	ng		97
70) Phenanthrene	11.19	178	1447988	36.65	ng		100
71) Anthracene	11.24	178	1602499	39.75	ng		100
72) Carbazole	11.40	167	1401492	39.11	ng		99
73) Di-n-butylphthalate	11.75	149	1682191	38.46	ng		99
74) Fluoranthene	12.38	202	1644760	40.67	ng		95
76) Benzidine	12.50	184	603248	36.58	ng		100
77) Pyrene	12.59	202	1549591	36.05	ng		100
79) Butylbenzylphthalate	13.23	149	751835	36.96	ng		97
80) Benzo(a)anthracene	13.78	228	1509211	38.79	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	363049	26.81	ng		100
82) Chrysene	13.82	228	1209538	33.52	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1003377	37.77	ng		99
84) Di-n-octyl phthalate	14.41	149	1737650	37.99	ng		99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1210184	36.87	ng		98
87) Benzo(b)fluoranthene	14.79	252	1371644m	36.48	ng		
88) Benzo(k)fluoranthene	14.81	252	1073636m	38.32	ng		
89) Benzo(a)pyrene	15.11	252	1191118	38.37	ng	#	98
90) Dibenzo(a,h)anthracene	16.43	278	1022280	36.25	ng	#	97
91) Benzo(g,h,i)perylene	16.80	276	991312	36.01	ng		97

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

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