Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062615\
Data File : BF080188.D
Acq On : 26 Jun 2015 14:37
Operator : TP/IZ
Sample : PB84243BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84243BS

Manual Integrations APPROVED
apatel
6/29/2015 11:32:48 AM

Quant Time: Jun 26 23:43:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 23:02:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30364	20.00	ng		0.00
21) Naphthalene-d8	8.58	136	120519	20.00	ng		0.00
38) Acenaphthene-d10	10.36	164	61261	20.00	ng		0.00
63) Phenanthrene-d10	11.86	188	125377	20.00	ng		-0.02
75) Chrysene-d12	14.84	240	131249	20.00	ng		-0.19
86) Perylene-d12	16.71	264	126785	20.00	ng		-0.31
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	225439	131.43	ng		0.00
7) Phenol-d6	6.89	99	297075	130.15	ng		0.00
23) Nitrobenzene-d5	7.85	82	188150	90.89	ng		0.00
41) 2,4,6-Tribromophenol	11.16	330	78134	130.43	ng		0.00
44) 2-Fluorobiphenyl	9.66	172	348620	81.16	ng		0.00
78) Terphenyl-d14	13.57	244	415211	73.88	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	27982	34.32	ng		87
3) Pyridine	3.98	79	75671	34.90	ng	#	83
4) n-Nitrosodimethylamine	3.89	42	39119	37.96	ng	#	92
6) Aniline	6.95	93	84310	26.85	ng		94
8) 2-Chlorophenol	7.08	128	87081	43.93	ng		88
9) Benzaldehyde	6.84	77	39575	30.03	ng	#	72
10) Phenol	6.92	94	101666	40.81	ng		88
11) bis(2-Chloroethyl)ether	7.01	93	74328	37.61	ng		93
12) 1,3-Dichlorobenzene	7.24	146	93774	39.37	ng	#	90
13) 1,4-Dichlorobenzene	7.32	146	97590	43.09	ng		96
14) 1,2-Dichlorobenzene	7.46	146	86123m	39.08	ng		
15) Benzyl Alcohol	7.42	79	76392	40.93	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.57	45	131923	44.97	ng		85
17) 2-Methylphenol	7.53	107	65075	38.43	ng	#	89
18) Hexachloroethane	7.82	117	32368	42.92	ng	#	82
19) n-Nitroso-di-n-propylamine	7.69	70	59478	37.53	ng	#	76
20) 3+4-Methylphenols	7.68	107	94009	43.02	ng		90
22) Acetophenone	7.69	105	118875	42.33	ng	#	83
24) Nitrobenzene	7.88	77	85609	40.06	ng	#	78
25) Isophorone	8.10	82	159892	38.38	ng	#	85
26) 2-Nitrophenol	8.20	139	42941	48.01	ng	#	76
27) 2,4-Dimethylphenol	8.22	122	80300	43.06	ng	#	85
28) bis(2-Chloroethoxy)methane	8.31	93	99199	40.53	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	75412	47.22	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	80444	44.35	ng		99
31) Naphthalene	8.61	128	247139m	39.22	ng		
32) Benzoic acid	8.28	122	42201	37.43	ng	#	66
33) 4-Chloroaniline	8.64	127	58519m	21.70	ng		
34) Hexachlorobutadiene	8.73	225	44158	39.54	ng		96
35) Caprolactam	8.98	113	21631	41.73	ng		98
36) 4-Chloro-3-methylphenol	9.12	107	68759	38.17	ng		97
37) 2-Methylnaphthalene	9.30	142	179471	44.03	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	78669	44.13	ng		99
40) Hexachlorocyclopentadiene	9.46	237	70802	77.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	55694	45.92	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	54116	38.72	ng	#	90
45) 1,1'-Biphenyl	9.77	154	192783	38.68	ng		95
46) 2-Chloronaphthalene	9.80	162	163259	40.37	ng		93
47) 2-Nitroaniline	9.88	65	44343	39.94	ng	#	57
48) Acenaphthylene	10.22	152	281002	41.63	ng		97
49) Dimethylphthalate	10.06	163	182263	39.57	ng	#	96
50) 2,6-Dinitrotoluene	10.12	165	36928	40.00	ng	#	42
51) Acenaphthene	10.39	154	170155	41.21	ng		91
52) 3-Nitroaniline	10.29	138	34371	32.26	ng	#	55
53) 2,4-Dinitrophenol	10.40	184	34075	89.89	ng	#	17
54) Dibenzofuran	10.56	168	235964	40.27	ng	#	88
55) 4-Nitrophenol	10.44	139	71713	84.22	ng	#	51
56) 2,4-Dinitrotoluene	10.53	165	57855	49.38	ng	#	88
57) Fluorene	10.92	166	188508	40.54	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	46443	39.36	ng	#	97
59) Diethylphthalate	10.76	149	173267	37.36	ng		95
60) 4-Chlorophenyl-phenylether	10.89	204	88252	39.50	ng	#	85
61) 4-Nitroaniline	10.90	138	42374	38.51	ng	#	47
62) Azobenzene	11.05	77	183108	38.79	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	22992	39.22	ng		87
65) n-Nitrosodiphenylamine	11.01	169	165575	40.56	ng		93
66) 4-Bromophenyl-phenylether	11.40	248	54572	40.94	ng	#	88
67) Hexachlorobenzene	11.48	284	58585	39.54	ng	#	79
68) Atrazine	11.53	200	52710	40.86	ng		84
69) Pentachlorophenol	11.66	266	61030	72.69	ng		98
70) Phenanthrene	11.89	178	280748	36.99	ng		97
71) Anthracene	11.94	178	301298	41.22	ng		99
72) Carbazole	12.09	167	262440	37.61	ng		96
73) Di-n-butylphthalate	12.42	149	287737	35.69	ng	#	98
74) Fluoranthene	13.16	202	322272	39.87	ng		90
76) Benzidine	13.27	184	149553	40.76	ng	#	97
77) Pyrene	13.42	202	318212	39.38	ng		97
79) Butylbenzylphthalate	14.12	149	126714	39.05	ng	#	92
80) Benzo(a)anthracene	14.83	228	322202	40.30	ng		97
81) 3,3'-Dichlorobenzidine	14.77	252	62338	22.60	ng	#	94
82) Chrysene	14.87	228	290093	39.34	ng		96
83) Bis(2-ethylhexyl)phthalate	14.80	149	182371	35.56	ng	#	90
84) Di-n-octyl phthalate	15.61	149	303557	34.54	ng		96
85) Indeno(1,2,3-cd)pyrene	18.55	276	355172	38.20	ng	#	90
87) Benzo(b)fluoranthene	16.19	252	312959	40.77	ng	#	85
88) Benzo(k)fluoranthene	16.22	252	303484	38.82	ng	#	87
89) Benzo(a)pyrene	16.63	252	304746	41.80	ng	#	89
90) Dibenzo(a,h)anthracene	18.57	278	300373	40.26	ng	#	81
91) Benzo(g,h,i)perylene	19.10	276	302606	40.17	ng	#	78

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

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