Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
Data File : BF078648.D
Acq On : 20 Apr 2015 17:07
Operator : TP/IZ
Sample : PB82874BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82874BS

Manual Integrations APPROVED
apatel
4/21/2015 5:03:25 PM

Quant Time: Apr 21 01:15:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 00:52:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	36981	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	152506	20.00	ng		0.00
38) Acenaphthene-d10	11.21	164	78078	20.00	ng		0.00
63) Phenanthrene-d10	13.94	188	155948	20.00	ng		0.00
75) Chrysene-d12	17.81	240	161366	20.00	ng		0.00
86) Perylene-d12	19.51	264	156589	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.87	112	241060	107.47	ng		0.00
7) Phenol-d6	5.36	99	311811	110.93	ng		0.00
23) Nitrobenzene-d5	6.80	82	180674	71.81	ng		0.00
41) 2,4,6-Tribromophenol	12.69	330	78389	121.05	ng		0.00
44) 2-Fluorobiphenyl	10.03	172	389430	71.30	ng		0.00
78) Terphenyl-d14	16.47	244	473377	66.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.45	88	27470m	27.08	ng		
3) Pyridine	1.93	79	97584	36.73	ng		94
4) n-Nitrosodimethylamine	1.90	42	31531	30.83	ng		98
6) Aniline	5.35	93	72025	18.07	ng		93
8) 2-Chlorophenol	5.52	128	94918	35.79	ng		100
9) Benzaldehyde	5.16	77	14538	7.80	ng		93
10) Phenol	5.38	94	115899	34.41	ng		97
11) bis(2-Chloroethyl)ether	5.48	93	83699	34.56	ng		95
12) 1,3-Dichlorobenzene	5.76	146	98857	33.93	ng	#	93
13) 1,4-Dichlorobenzene	5.88	146	99126	33.80	ng		97
14) 1,2-Dichlorobenzene	6.12	146	95539	34.75	ng		96
15) Benzyl Alcohol	6.14	79	77938	39.46	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.38	45	114683	35.50	ng		90
17) 2-Methylphenol	6.35	107	76769	37.28	ng	#	94
18) Hexachloroethane	6.67	117	34077	34.46	ng		92
19) n-Nitroso-di-n-propylamine	6.59	70	66931	36.09	ng		96
20) 3+4-Methylphenols	6.64	107	101467	36.94	ng		90
22) Acetophenone	6.56	105	132433	37.27	ng	#	94
24) Nitrobenzene	6.83	77	95603	36.35	ng		91
25) Isophorone	7.26	82	172706	36.17	ng		95
26) 2-Nitrophenol	7.38	139	47705	38.06	ng		97
27) 2,4-Dimethylphenol	7.54	122	85642	36.74	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	110531	36.10	ng		99
29) 2,4-Dichlorophenol	7.83	162	82756	39.03	ng		95
30) 1,2,4-Trichlorobenzene	7.94	180	82199	33.81	ng		99
31) Naphthalene	8.06	128	270554	34.08	ng		99
32) Benzoic acid	7.78	122	46222m	42.87	ng		
33) 4-Chloroaniline	8.22	127	52345	15.89	ng		97
34) Hexachlorobutadiene	8.31	225	46979	35.19	ng		98
35) Caprolactam	8.84	113	24963m	39.44	ng		
36) 4-Chloro-3-methylphenol	9.18	107	85669	40.04	ng		90
37) 2-Methylnaphthalene	9.31	142	188189	34.92	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	81607	33.73	ng		96
40) Hexachlorocyclopentadiene	9.61	237	70524	68.76	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	57311	37.56	ng		99
43) 2,4,5-Trichlorophenol	9.95	196	57283	35.94	ng	#	92
45) 1,1'-Biphenyl	10.19	154	228639	35.80	ng		96
46) 2-Chloronaphthalene	10.19	162	177067	35.24	ng		96
47) 2-Nitroaniline	10.44	65	49465	39.79	ng	#	69
48) Acenaphthylene	10.94	152	286437	35.30	ng		99
49) Dimethylphthalate	10.84	163	217327	37.05	ng	#	98
50) 2,6-Dinitrotoluene	10.94	165	45739	37.90	ng	#	52
51) Acenaphthene	11.27	154	164995	36.12	ng		99
52) 3-Nitroaniline	11.21	138	26493	19.31	ng	#	94
53) 2,4-Dinitrophenol	11.44	184	32524	72.66	ng		93
54) Dibenzofuran	11.60	168	261691	37.50	ng		97
55) 4-Nitrophenol	11.65	139	56683	56.92	ng		92
56) 2,4-Dinitrotoluene	11.67	165	63399	40.56	ng	#	83
57) Fluorene	12.23	166	215202	38.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.86	232	40849	34.57	ng		98
59) Diethylphthalate	12.17	149	212883	37.64	ng		99
60) 4-Chlorophenyl-phenylether	12.29	204	97421	37.44	ng	#	82
61) 4-Nitroaniline	12.34	138	44610	32.16	ng		98
62) Azobenzene	12.57	77	200776	38.90	ng		97
64) 4,6-Dinitro-2-methylphenol	12.42	198	26228	36.40	ng	#	62
65) n-Nitrosodiphenylamine	12.53	169	182941	33.91	ng		98
66) 4-Bromophenyl-phenylether	13.19	248	59859	36.24	ng	#	89
67) Hexachlorobenzene	13.22	284	62332	34.44	ng	#	89
68) Atrazine	13.60	200	70254	44.97	ng		96
69) Pentachlorophenol	13.63	266	43635	56.86	ng		99
70) Phenanthrene	13.99	178	310668	34.44	ng		99
71) Anthracene	14.08	178	319308	35.92	ng		99
72) Carbazole	14.41	167	302761	36.34	ng		99
73) Di-n-butylphthalate	15.09	149	360488	38.20	ng		100
74) Fluoranthene	15.86	202	340204	35.76	ng		97
76) Benzidine	16.13	184	99690	16.04	ng		97
77) Pyrene	16.17	202	359047	35.44	ng		98
79) Butylbenzylphthalate	17.17	149	161867	41.93	ng	#	82
80) Benzo(a)anthracene	17.79	228	342096	35.63	ng		98
81) 3,3'-Dichlorobenzidine	17.79	252	66681	20.74	ng	#	97
82) Chrysene	17.84	228	309917	34.36	ng		99
83) Bis(2-ethylhexyl)phthalate	17.92	149	235639	38.91	ng	#	95
84) Di-n-octyl phthalate	18.71	149	404391	40.67	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.69	276	352716	34.46	ng	#	88
87) Benzo(b)fluoranthene	19.09	252	321498	33.22	ng		99
88) Benzo(k)fluoranthene	19.12	252	311613m	36.23	ng		
89) Benzo(a)pyrene	19.45	252	306702	36.31	ng		99
90) Dibenzo(a,h)anthracene	20.71	278	288232	34.09	ng		97
91) Benzo(g,h,i)perylene	21.01	276	287634	33.93	ng		95

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

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