Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078727.D
Acq On : 22 Apr 2015 21:06
Operator : TP/IZ
Sample : PB82905BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82905BS

Manual Integrations APPROVED
apatel
4/23/2015 2:14:29 PM

Quant Time: Apr 23 01:34:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	23583	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	94609	20.00	ng		-0.01
38) Acenaphthene-d10	11.13	164	47868	20.00	ng		0.00
63) Phenanthrene-d10	13.86	188	100763	20.00	ng		0.00
75) Chrysene-d12	17.74	240	108455	20.00	ng		0.00
86) Perylene-d12	19.45	264	111285	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.80	112	152027	106.29	ng		0.00
7) Phenol-d6	5.29	99	193148	107.75	ng		0.00
23) Nitrobenzene-d5	6.73	82	112393	72.01	ng		0.00
41) 2,4,6-Tribromophenol	12.61	330	51006	128.48	ng		0.00
44) 2-Fluorobiphenyl	9.96	172	248968	74.35	ng		0.00
78) Terphenyl-d14	16.40	244	331737	69.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.37	88	18430	28.49	ng	#	23
3) Pyridine	1.86	79	51598	30.45	ng		93
4) n-Nitrosodimethylamine	1.82	42	22646	34.72	ng		91
6) Aniline	5.28	93	41373	16.28	ng		95
8) 2-Chlorophenol	5.45	128	58280	34.46	ng		98
9) Benzaldehyde	5.10	77	6182	5.20	ng		87
10) Phenol	5.31	94	72091	33.56	ng		99
11) bis(2-Chloroethyl)ether	5.42	93	51147	33.11	ng		93
12) 1,3-Dichlorobenzene	5.68	146	60478	32.55	ng		98
13) 1,4-Dichlorobenzene	5.82	146	60375	32.29	ng		97
14) 1,2-Dichlorobenzene	6.04	146	57973	33.06	ng		100
15) Benzyl Alcohol	6.07	79	47083	37.38	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.31	45	69078	33.53	ng		85
17) 2-Methylphenol	6.30	107	46427	35.36	ng		95
18) Hexachloroethane	6.59	117	20746	32.90	ng	#	80
19) n-Nitroso-di-n-propylamine	6.51	70	39937	33.77	ng	#	87
20) 3+4-Methylphenols	6.57	107	60015	34.26	ng		95
22) Acetophenone	6.49	105	79194	35.93	ng	#	94
24) Nitrobenzene	6.75	77	57352	35.15	ng	#	82
25) Isophorone	7.19	82	104528	35.28	ng		96
26) 2-Nitrophenol	7.31	139	27599	35.49	ng		97
27) 2,4-Dimethylphenol	7.47	122	52186	36.09	ng		96
28) bis(2-Chloroethoxy)methane	7.63	93	65840	34.66	ng		98
29) 2,4-Dichlorophenol	7.76	162	49024	37.27	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	50648	33.58	ng		99
31) Naphthalene	7.99	128	168263	34.17	ng		98
32) Benzoic acid	7.69	122	30228	44.88	ng		95
33) 4-Chloroaniline	8.15	127	39657	19.41	ng		99
34) Hexachlorobutadiene	8.24	225	28590	34.52	ng		97
35) Caprolactam	8.76	113	15538	39.57	ng		94
36) 4-Chloro-3-methylphenol	9.11	107	51316	38.66	ng		91
37) 2-Methylnaphthalene	9.24	142	118911	35.57	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	50683	34.17	ng		98
40) Hexachlorocyclopentadiene	9.54	237	33187	54.36	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	35248	37.68	ng		99
43) 2,4,5-Trichlorophenol	9.88	196	35410	36.24	ng	#	91
45) 1,1'-Biphenyl	10.12	154	140677	35.93	ng		96
46) 2-Chloronaphthalene	10.12	162	109213	35.45	ng		98
47) 2-Nitroaniline	10.36	65	31238	40.98	ng		89
48) Acenaphthylene	10.87	152	180421	36.27	ng		100
49) Dimethylphthalate	10.78	163	135683	37.73	ng	#	98
50) 2,6-Dinitrotoluene	10.86	165	27840	37.63	ng	#	38
51) Acenaphthene	11.19	154	102143	36.47	ng		100
52) 3-Nitroaniline	11.14	138	23505	27.94	ng	#	97
53) 2,4-Dinitrophenol	11.37	184	17894	67.55	ng		92
54) Dibenzofuran	11.52	168	162308	37.94	ng		98
55) 4-Nitrophenol	11.58	139	39525	64.36	ng		87
56) 2,4-Dinitrotoluene	11.60	165	40368	42.13	ng	#	88
57) Fluorene	12.15	166	135076	38.95	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.79	232	28431	39.24	ng		100
59) Diethylphthalate	12.09	149	135260	39.01	ng		97
60) 4-Chlorophenyl-phenylether	12.22	204	61121	38.32	ng	#	87
61) 4-Nitroaniline	12.26	138	30151	35.45	ng		94
62) Azobenzene	12.50	77	127704	40.35	ng		93
64) 4,6-Dinitro-2-methylphenol	12.34	198	15750	34.43	ng		81
65) n-Nitrosodiphenylamine	12.46	169	118522	34.00	ng		97
66) 4-Bromophenyl-phenylether	13.11	248	37197	34.86	ng		96
67) Hexachlorobenzene	13.15	284	39108	33.44	ng		97
68) Atrazine	13.52	200	44692	44.27	ng		96
69) Pentachlorophenol	13.57	266	28915	58.11	ng		100
70) Phenanthrene	13.91	178	206829	35.49	ng		99
71) Anthracene	14.00	178	209695	36.51	ng		99
72) Carbazole	14.34	167	205159	38.11	ng		99
73) Di-n-butylphthalate	15.03	149	236224	38.74	ng		99
74) Fluoranthene	15.81	202	240377	39.11	ng		91
76) Benzidine	16.07	184	77348	18.52	ng		98
77) Pyrene	16.11	202	245868	36.11	ng		99
79) Butylbenzylphthalate	17.11	149	113148	43.60	ng	#	77
80) Benzo(a)anthracene	17.73	228	230280	35.69	ng		99
81) 3,3'-Dichlorobenzidine	17.74	252	59910	27.72	ng	#	98
82) Chrysene	17.77	228	224524	37.03	ng		100
83) Bis(2-ethylhexyl)phthalate	17.87	149	165923	40.77	ng		99
84) Di-n-octyl phthalate	18.65	149	284195	42.53	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.62	276	261554	38.02	ng	#	88
87) Benzo(b)fluoranthene	19.02	252	282608	41.09	ng	#	98
88) Benzo(k)fluoranthene	19.05	252	185534m	30.36	ng		
89) Benzo(a)pyrene	19.38	252	225016	37.49	ng	#	97
90) Dibenzo(a,h)anthracene	20.64	278	207014	34.45	ng		97
91) Benzo(g,h,i)perylene	20.93	276	209058	34.70	ng		97

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

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