Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077168.D
Acq On : 3 Feb 2015 18:52
Operator : TP/IZ
Sample : PB81584BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81584BS

Manual Integrations APPROVED
apatel
2/4/2015 1:54:37 PM

Quant Time: Feb 04 01:31:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 01:16:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	22962	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	96536	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	46158	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	86786	20.00	ng		0.00
75) Chrysene-d12	21.07	240	92099	20.00	ng		0.00
86) Perylene-d12	22.71	264	79905	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.69	112	152383	109.11	ng		0.00
7) Phenol-d6	7.08	99	183017	103.88	ng		0.00
23) Nitrobenzene-d5	8.99	82	112795	64.73	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	41177	109.90	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	231724	76.40	ng		0.00
78) Terphenyl-d14	19.81	244	248855	62.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.12	88	18369	30.72	ng	#	92
3) Pyridine	1.56	79	46503	30.05	ng		94
4) n-Nitrosodimethylamine	1.53	42	23989	31.30	ng		84
6) Aniline	6.98	93	36850	15.11	ng		99
8) 2-Chlorophenol	7.21	128	50886	31.61	ng		94
9) Benzaldehyde	6.73	77	3564	2.52	ng	#	86
10) Phenol	7.12	94	56673	30.29	ng		92
11) bis(2-Chloroethyl)ether	7.23	93	48497	33.13	ng	#	75
12) 1,3-Dichlorobenzene	7.53	146	57487	31.38	ng		93
13) 1,4-Dichlorobenzene	7.72	146	57658	29.68	ng		95
14) 1,2-Dichlorobenzene	8.03	146	56268	31.44	ng		96
15) Benzyl Alcohol	8.13	79	44836	31.45	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	63665	32.36	ng		99
17) 2-Methylphenol	8.48	107	39411	29.95	ng	#	91
18) Hexachloroethane	8.77	117	22076	32.68	ng		90
19) n-Nitroso-di-n-propylamine	8.76	70	36813	29.85	ng		99
20) 3+4-Methylphenols	8.88	107	46034	26.42	ng		98
22) Acetophenone	8.68	105	77343	32.71	ng		98
24) Nitrobenzene	9.02	77	55565	31.30	ng		97
25) Isophorone	9.63	82	96556	30.43	ng		98
26) 2-Nitrophenol	9.78	139	24492	27.72	ng		95
27) 2,4-Dimethylphenol	10.05	122	45109	32.86	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	59495	32.99	ng		98
29) 2,4-Dichlorophenol	10.38	162	34135	26.68	ng		97
30) 1,2,4-Trichlorobenzene	10.50	180	45094	31.73	ng		98
31) Naphthalene	10.64	128	154940	31.17	ng		99
32) Benzoic acid	10.44	122	3977	5.23	ng		92
33) 4-Chloroaniline	10.90	127	32694	16.28	ng		94
34) Hexachlorobutadiene	11.00	225	25849	30.66	ng		98
35) Caprolactam	11.72	113	10019	26.60	ng	#	82
36) 4-Chloro-3-methylphenol	12.20	107	42176	28.79	ng		99
37) 2-Methylnaphthalene	12.29	142	109084	32.14	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	43345	37.98	ng		98
40) Hexachlorocyclopentadiene	12.68	237	42043	69.10	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	26659	32.06	ng		91
43) 2,4,5-Trichlorophenol	13.15	196	22999	27.12	ng	#	95
45) 1,1'-Biphenyl	13.45	154	127498	37.26	ng		97
46) 2-Chloronaphthalene	13.41	162	99125	35.20	ng		98
47) 2-Nitroaniline	13.77	65	29534	34.57	ng		98
48) Acenaphthylene	14.36	152	162761	34.27	ng		100
49) Dimethylphthalate	14.32	163	120020	36.67	ng		97
50) 2,6-Dinitrotoluene	14.42	165	24313	37.18	ng		88
51) Acenaphthene	14.79	154	91221	33.85	ng		97
52) 3-Nitroaniline	14.77	138	19523	23.81	ng		99
53) 2,4-Dinitrophenol	15.06	184	10238	40.21	ng	#	84
54) Dibenzofuran	15.21	168	144308	36.76	ng		97
55) 4-Nitrophenol	15.38	139	20560	40.07	ng		93
56) 2,4-Dinitrotoluene	15.36	165	35111	36.35	ng		95
57) Fluorene	15.97	166	122098	36.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	17676	28.63	ng	#	82
59) Diethylphthalate	15.97	149	128435	38.82	ng		99
60) 4-Chlorophenyl-phenylether	16.07	204	50025	36.76	ng	#	96
61) 4-Nitroaniline	16.12	138	24790	30.60	ng		99
62) Azobenzene	16.36	77	129916	37.69	ng		99
64) 4,6-Dinitro-2-methylphenol	16.20	198	13867	26.46	ng	#	73
65) n-Nitrosodiphenylamine	16.32	169	95360	30.82	ng		96
66) 4-Bromophenyl-phenylether	16.93	248	28290	32.18	ng		95
67) Hexachlorobenzene	16.95	284	31517	34.01	ng		99
68) Atrazine	17.31	200	32719	34.84	ng		93
69) Pentachlorophenol	17.32	266	17050	43.56	ng		98
70) Phenanthrene	17.60	178	173739	32.10	ng		98
71) Anthracene	17.68	178	170133	32.24	ng		99
72) Carbazole	17.97	167	164148	32.07	ng		99
73) Di-n-butylphthalate	18.57	149	200611	33.86	ng		98
74) Fluoranthene	19.25	202	183534	33.09	ng		98
76) Benzidine	19.51	184	69953	23.74	ng		97
77) Pyrene	19.54	202	191150	30.28	ng		99
79) Butylbenzylphthalate	20.48	149	89637	31.36	ng		99
80) Benzo(a)anthracene	21.06	228	178543	30.90	ng		99
81) 3,3'-Dichlorobenzidine	21.07	252	39926	21.74	ng		97
82) Chrysene	21.11	228	167497	31.79	ng		98
83) Bis(2-ethylhexyl)phthalate	21.22	149	128112	32.39	ng		99
84) Di-n-octyl phthalate	21.97	149	230374	33.56	ng		99
85) Indeno(1,2,3-cd)pyrene	23.79	276	182827	32.74	ng	#	85
87) Benzo(b)fluoranthene	22.31	252	172536	32.06	ng	#	96
88) Benzo(k)fluoranthene	22.33	252	158426m	33.69	ng		
89) Benzo(a)pyrene	22.65	252	156694	33.01	ng		98
90) Dibenzo(a,h)anthracene	23.81	278	147625	33.89	ng		98
91) Benzo(g,h,i)perylene	24.05	276	150255	34.70	ng		96

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

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