Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
Data File : BF077211.D
Acq On : 6 Feb 2015 20:20
Operator : TP/IZ
Sample : PB81634BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81634BSD

Manual Integrations APPROVED
apatel
2/9/2015 1:35:50 PM

Quant Time: Feb 09 11:56:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 06 23:50:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29316	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	125778	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	59858	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	112611	20.00	ng		0.00
75) Chrysene-d12	21.05	240	109998	20.00	ng		0.00
86) Perylene-d12	22.71	264	98603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.66	112	167685	94.04	ng		0.00
7) Phenol-d6	7.06	99	209216	93.01	ng		0.00
23) Nitrobenzene-d5	8.96	82	196093	86.37	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	52015	107.05	ng		0.00
44) 2-Fluorobiphenyl	13.21	172	405710	103.15	ng		0.00
78) Terphenyl-d14	19.79	244	450747	94.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.10	88	20092	26.32	ng		97
3) Pyridine	1.54	79	63917	32.35	ng		91
4) n-Nitrosodimethylamine	1.50	42	31447	32.13	ng		98
6) Aniline	6.93	93	53381	17.15	ng		96
8) 2-Chlorophenol	7.17	128	72411	35.23	ng		95
9) Benzaldehyde	6.70	77	4213	2.29	ng	#	87
10) Phenol	7.08	94	79032	33.09	ng		91
11) bis(2-Chloroethyl)ether	7.20	93	69188	37.02	ng	#	73
12) 1,3-Dichlorobenzene	7.48	146	79648	34.06	ng		93
13) 1,4-Dichlorobenzene	7.69	146	81460	32.85	ng		97
14) 1,2-Dichlorobenzene	8.00	146	77896	34.09	ng		98
15) Benzyl Alcohol	8.10	79	64456	35.41	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	89910	35.79	ng		87
17) 2-Methylphenol	8.45	107	58105	34.59	ng		96
18) Hexachloroethane	8.74	117	30323	35.15	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	55600	35.31	ng		96
20) 3+4-Methylphenols	8.84	107	66191	29.76	ng		93
22) Acetophenone	8.65	105	108154	35.11	ng		98
24) Nitrobenzene	9.00	77	74579	32.25	ng		94
25) Isophorone	9.60	82	141211	34.15	ng		96
26) 2-Nitrophenol	9.74	139	34729	30.01	ng	#	92
27) 2,4-Dimethylphenol	10.03	122	65373	36.55	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	86488	36.80	ng		98
29) 2,4-Dichlorophenol	10.35	162	52044	31.22	ng		97
30) 1,2,4-Trichlorobenzene	10.46	180	63915	34.52	ng		95
31) Naphthalene	10.60	128	216739	33.47	ng		99
32) Benzoic acid	10.44	122	10531m	10.63	ng		
33) 4-Chloroaniline	10.86	127	42346	16.18	ng		99
34) Hexachlorobutadiene	10.97	225	37088	33.76	ng		91
35) Caprolactam	11.72	113	17361m	35.38	ng		
36) 4-Chloro-3-methylphenol	12.17	107	65155	34.14	ng		97
37) 2-Methylnaphthalene	12.26	142	155338	35.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	59698	40.34	ng		98
40) Hexachlorocyclopentadiene	12.64	237	59857	75.41	ng		96

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 06 23:50:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	39431	36.57	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	33035	30.04	ng	#	91
45) 1,1'-Biphenyl	13.41	154	182103	41.04	ng		99
46) 2-Chloronaphthalene	13.38	162	144944	39.69	ng		99
47) 2-Nitroaniline	13.73	65	44996	40.62	ng		91
48) Acenaphthylene	14.33	152	236945	38.47	ng		99
49) Dimethylphthalate	14.29	163	180074	42.42	ng		99
50) 2,6-Dinitrotoluene	14.39	165	36926	43.54	ng		97
51) Acenaphthene	14.75	154	135435	38.75	ng		95
52) 3-Nitroaniline	14.74	138	26147	24.53	ng		92
53) 2,4-Dinitrophenol	15.03	184	18693	51.82	ng		95
54) Dibenzofuran	15.17	168	211833	41.61	ng		97
55) 4-Nitrophenol	15.35	139	35891	53.94	ng		97
56) 2,4-Dinitrotoluene	15.32	165	51007	40.46	ng	#	93
57) Fluorene	15.94	166	177727	41.21	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.54	232	28059	35.04	ng	#	93
59) Diethylphthalate	15.95	149	189486	44.17	ng		98
60) 4-Chlorophenyl-phenylether	16.04	204	75253	42.64	ng		89
61) 4-Nitroaniline	16.10	138	33917	32.21	ng		90
62) Azobenzene	16.33	77	188079	42.08	ng		97
64) 4,6-Dinitro-2-methylphenol	16.18	198	21916	31.50	ng		89
65) n-Nitrosodiphenylamine	16.29	169	144793	36.06	ng		97
66) 4-Bromophenyl-phenylether	16.91	248	43765	38.36	ng		88
67) Hexachlorobenzene	16.92	284	44981	37.41	ng		96
68) Atrazine	17.30	200	50287	41.27	ng		98
69) Pentachlorophenol	17.30	266	29506	55.79	ng		99
70) Phenanthrene	17.57	178	246641	35.12	ng		98
71) Anthracene	17.65	178	252314	36.84	ng		99
72) Carbazole	17.95	167	242519	36.51	ng		99
73) Di-n-butylphthalate	18.55	149	310547	40.39	ng		99
74) Fluoranthene	19.23	202	266254	37.00	ng		98
76) Benzidine	19.48	184	108522	30.83	ng		98
77) Pyrene	19.52	202	275525	36.55	ng		99
79) Butylbenzylphthalate	20.45	149	137631	40.31	ng		94
80) Benzo(a)anthracene	21.04	228	237041	34.35	ng		98
81) 3,3'-Dichlorobenzidine	21.06	252	53109	24.22	ng	#	98
82) Chrysene	21.08	228	236600	37.59	ng		99
83) Bis(2-ethylhexyl)phthalate	21.20	149	199750	42.29	ng		98
84) Di-n-octyl phthalate	21.96	149	343216	41.86	ng		99
85) Indeno(1,2,3-cd)pyrene	23.81	276	236754	35.50	ng	#	83
87) Benzo(b)fluoranthene	22.29	252	228060	34.34	ng	#	96
88) Benzo(k)fluoranthene	22.32	252	213411m	36.78	ng		
89) Benzo(a)pyrene	22.64	252	212747	36.32	ng	#	96
90) Dibenzo(a,h)anthracene	23.84	278	195213	36.32	ng		97
91) Benzo(g,h,i)perylene	24.08	276	192105	35.95	ng		95

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

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