Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
Data File : BF077205.D
Acq On : 6 Feb 2015 16:53
Operator : TP/IZ
Sample : PB81636BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81636BSD

Manual Integrations APPROVED
apatel
2/9/2015 1:35:42 PM

Quant Time: Feb 06 23:06:24 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 22:52:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29126	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	119325	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	59828	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	110494	20.00	ng		0.00
75) Chrysene-d12	21.05	240	109422	20.00	ng		0.00
86) Perylene-d12	22.74	264	93813	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.66	112	189692	107.08	ng		0.00
7) Phenol-d6	7.06	99	235378	105.33	ng		0.00
23) Nitrobenzene-d5	8.96	82	147472	68.47	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	60497	124.57	ng		0.00
44) 2-Fluorobiphenyl	13.21	172	310098	78.88	ng		0.00
78) Terphenyl-d14	19.79	244	355088	74.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.10	88	18869	24.88	ng		90
3) Pyridine	1.54	79	57299	29.19	ng		97
4) n-Nitrosodimethylamine	1.50	42	25599	26.33	ng		93
6) Aniline	6.93	93	47814	15.46	ng		99
8) 2-Chlorophenol	7.17	128	66466	32.55	ng		96
9) Benzaldehyde	6.69	77	4612	2.59	ng	#	83
10) Phenol	7.08	94	71106	29.96	ng		92
11) bis(2-Chloroethyl)ether	7.20	93	60234	32.44	ng	#	75
12) 1,3-Dichlorobenzene	7.48	146	70464	30.33	ng		93
13) 1,4-Dichlorobenzene	7.68	146	72002	29.22	ng		97
14) 1,2-Dichlorobenzene	8.00	146	71887	31.67	ng		94
15) Benzyl Alcohol	8.10	79	55894	30.91	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.44	45	83175	33.32	ng		88
17) 2-Methylphenol	8.45	107	52189	31.27	ng		97
18) Hexachloroethane	8.74	117	27444	32.02	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	50143	32.05	ng		97
20) 3+4-Methylphenols	8.84	107	61576	27.86	ng		98
22) Acetophenone	8.65	105	97733	33.44	ng		100
24) Nitrobenzene	8.99	77	70163	31.98	ng		94
25) Isophorone	9.60	82	132946	33.89	ng		98
26) 2-Nitrophenol	9.74	139	32857	29.93	ng		97
27) 2,4-Dimethylphenol	10.03	122	59868	35.29	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	80496	36.11	ng	#	97
29) 2,4-Dichlorophenol	10.35	162	48928	30.94	ng		96
30) 1,2,4-Trichlorobenzene	10.46	180	59169	33.69	ng		98
31) Naphthalene	10.60	128	198013	32.23	ng		99
32) Benzoic acid	10.42	122	8837m	9.40	ng		
33) 4-Chloroaniline	10.87	127	40246	16.21	ng		96
34) Hexachlorobutadiene	10.97	225	33211	31.87	ng		91
35) Caprolactam	11.71	113	12005	25.79	ng	#	80
36) 4-Chloro-3-methylphenol	12.17	107	59746	33.00	ng		93
37) 2-Methylnaphthalene	12.26	142	140222	33.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	53949	36.47	ng		97
40) Hexachlorocyclopentadiene	12.64	237	51983	66.13	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	35983	33.39	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	31874	29.00	ng	#	90
45) 1,1'-Biphenyl	13.40	154	173774	39.18	ng		98
46) 2-Chloronaphthalene	13.38	162	136699	37.45	ng		98
47) 2-Nitroaniline	13.73	65	42423	38.32	ng		90
48) Acenaphthylene	14.33	152	221290	35.94	ng		99
49) Dimethylphthalate	14.29	163	166651	39.28	ng		99
50) 2,6-Dinitrotoluene	14.39	165	33881	39.97	ng		95
51) Acenaphthene	14.75	154	122772	35.15	ng		97
52) 3-Nitroaniline	14.74	138	25289	23.80	ng		96
53) 2,4-Dinitrophenol	15.03	184	16224	46.55	ng		93
54) Dibenzofuran	15.17	168	196356	38.59	ng		97
55) 4-Nitrophenol	15.35	139	35698	53.67	ng		96
56) 2,4-Dinitrotoluene	15.32	165	48099	38.30	ng	#	94
57) Fluorene	15.94	166	164705	38.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	27841	34.79	ng	#	95
59) Diethylphthalate	15.95	149	176393	41.14	ng		96
60) 4-Chlorophenyl-phenylether	16.03	204	69390	39.34	ng		98
61) 4-Nitroaniline	16.10	138	31713	30.22	ng		95
62) Azobenzene	16.33	77	177432	39.71	ng		96
64) 4,6-Dinitro-2-methylphenol	16.18	198	19171	28.44	ng		81
65) n-Nitrosodiphenylamine	16.29	169	134660	34.18	ng		99
66) 4-Bromophenyl-phenylether	16.91	248	38834	34.69	ng	#	87
67) Hexachlorobenzene	16.92	284	41431	35.12	ng		92
68) Atrazine	17.30	200	48973	40.96	ng		94
69) Pentachlorophenol	17.30	266	28157	54.45	ng		98
70) Phenanthrene	17.57	178	235748	34.21	ng		97
71) Anthracene	17.65	178	240460	35.79	ng		98
72) Carbazole	17.95	167	225636	34.62	ng		99
73) Di-n-butylphthalate	18.55	149	293183	38.86	ng		99
74) Fluoranthene	19.23	202	251308	35.59	ng		98
76) Benzidine	19.48	184	102378	29.24	ng		99
77) Pyrene	19.52	202	255995	34.14	ng		100
79) Butylbenzylphthalate	20.45	149	129739	38.20	ng		96
80) Benzo(a)anthracene	21.04	228	227008	33.07	ng		100
81) 3,3'-Dichlorobenzidine	21.06	252	54425	24.95	ng	#	96
82) Chrysene	21.08	228	222716	35.57	ng		99
83) Bis(2-ethylhexyl)phthalate	21.20	149	193242	41.12	ng		95
84) Di-n-octyl phthalate	21.97	149	327567	40.16	ng		99
85) Indeno(1,2,3-cd)pyrene	23.89	276	218009	32.86	ng	#	83
87) Benzo(b)fluoranthene	22.31	252	246531	39.02	ng		98
88) Benzo(k)fluoranthene	22.34	252	176787m	32.03	ng		
89) Benzo(a)pyrene	22.67	252	200066	35.90	ng	#	97
90) Dibenzo(a,h)anthracene	23.92	278	182848	35.76	ng		99
91) Benzo(g,h,i)perylene	24.16	276	180647	35.53	ng	#	95

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

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