Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079668.D
Acq On : 3 Jun 2015 18:14
Operator : TP/IZ
Sample : PB83719BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83719BSD

Manual Integrations APPROVED
apatel
6/5/2015 8:06:11 AM

Quant Time: Jun 05 11:32:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 10:52:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	70998	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	262534	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	129379	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	259192	20.00	ng		-0.03
75) Chrysene-d12	15.13	240	290661	20.00	ng		-0.25
86) Perylene-d12	17.11	264	268972	20.00	ng		-0.38
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	400735	102.33	ng		0.00
7) Phenol-d6	7.11	99	536182	104.72	ng		0.00
23) Nitrobenzene-d5	8.08	82	457117	99.21	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	109802	102.83	ng		-0.01
44) 2-Fluorobiphenyl	9.88	172	1032490	123.82	ng		0.00
78) Terphenyl-d14	13.83	244	1349418	119.71	ng		-0.13
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	69460	38.36	ng		99
3) Pyridine	4.32	79	203023	39.01	ng		98
4) n-Nitrosodimethylamine	4.24	42	91490	39.43	ng		98
6) Aniline	7.18	93	199332	27.01	ng		99
8) 2-Chlorophenol	7.30	128	207086	45.49	ng		96
9) Benzaldehyde	7.06	77	67363	22.60	ng		100
10) Phenol	7.12	94	263837	47.85	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	190482	43.34	ng		97
12) 1,3-Dichlorobenzene	7.46	146	223568	42.96	ng		98
13) 1,4-Dichlorobenzene	7.54	146	225102	42.29	ng		98
14) 1,2-Dichlorobenzene	7.69	146	208812m	43.34	ng		
15) Benzyl Alcohol	7.63	79	160707	42.87	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.78	45	316863	43.24	ng		99
17) 2-Methylphenol	7.74	107	170809	45.45	ng		97
18) Hexachloroethane	8.04	117	73114	41.96	ng		94
19) n-Nitroso-di-n-propylamine	7.91	70	156482	44.47	ng		96
20) 3+4-Methylphenols	7.88	107	218712	43.94	ng		99
22) Acetophenone	7.92	105	279291	45.46	ng	#	97
24) Nitrobenzene	8.09	77	202365	46.00	ng		98
25) Isophorone	8.33	82	390610	43.65	ng		98
26) 2-Nitrophenol	8.41	139	58801	40.47	ng		93
27) 2,4-Dimethylphenol	8.42	122	175309m	42.81	ng		
28) bis(2-Chloroethoxy)methane	8.52	93	233031	45.33	ng		99
29) 2,4-Dichlorophenol	8.65	162	181923	49.81	ng		97
30) 1,2,4-Trichlorobenzene	8.75	180	182093	44.24	ng		99
31) Naphthalene	8.83	128	601013	43.79	ng		98
32) Benzoic acid	8.48	122	57323m	48.63	ng		
33) 4-Chloroaniline	8.87	127	241999	32.43	ng		97
34) Hexachlorobutadiene	8.95	225	104379	45.24	ng		97
35) Caprolactam	9.20	113	49149	48.88	ng	#	75
36) 4-Chloro-3-methylphenol	9.32	107	172621	46.31	ng		97
37) 2-Methylnaphthalene	9.53	142	417179	45.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	193470	46.60	ng		98
40) Hexachlorocyclopentadiene	9.69	237	191847	96.92	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	107804	47.75	ng		99
43) 2,4,5-Trichlorophenol	9.84	196	132636	53.03	ng		96
45) 1,1'-Biphenyl	9.99	154	477940	47.90	ng		95
46) 2-Chloronaphthalene	10.02	162	372677	47.68	ng	#	91
47) 2-Nitroaniline	10.10	65	83178	51.68	ng		93
48) Acenaphthylene	10.44	152	584438	45.10	ng		99
49) Dimethylphthalate	10.27	163	469506	49.53	ng		99
50) 2,6-Dinitrotoluene	10.34	165	77097	51.20	ng	#	82
51) Acenaphthene	10.63	154	369400	47.04	ng		99
52) 3-Nitroaniline	10.51	138	74736	40.23	ng		89
53) 2,4-Dinitrophenol	10.62	184	42423	99.07	ng		81
54) Dibenzofuran	10.80	168	546441	47.94	ng		96
55) 4-Nitrophenol	10.65	139	156057	104.16	ng		97
56) 2,4-Dinitrotoluene	10.75	165	87426	46.37	ng	#	87
57) Fluorene	11.14	166	458823	49.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.90	232	97272	56.12	ng		99
59) Diethylphthalate	10.98	149	454472	49.92	ng		97
60) 4-Chlorophenyl-phenylether	11.12	204	195864	46.59	ng	#	79
61) 4-Nitroaniline	11.13	138	92833	50.66	ng		90
62) Azobenzene	11.28	77	402982	47.35	ng		91
64) 4,6-Dinitro-2-methylphenol	11.16	198	26925	37.80	ng	#	68
65) n-Nitrosodiphenylamine	11.23	169	379264	46.60	ng		99
66) 4-Bromophenyl-phenylether	11.62	248	128788	49.52	ng		91
67) Hexachlorobenzene	11.71	284	139157	45.53	ng	#	89
68) Atrazine	11.76	200	117900	56.56	ng		96
69) Pentachlorophenol	11.90	266	138066	123.33	ng		98
70) Phenanthrene	12.14	178	671903	46.89	ng		99
71) Anthracene	12.18	178	677776	47.01	ng		99
72) Carbazole	12.33	167	630569	47.63	ng		99
73) Di-n-butylphthalate	12.66	149	720144	49.63	ng	#	80
74) Fluoranthene	13.42	202	748059	48.41	ng		96
76) Benzidine	13.53	184	327592	49.54	ng		98
77) Pyrene	13.68	202	788824	47.13	ng		99
79) Butylbenzylphthalate	14.38	149	289377	49.67	ng		91
80) Benzo(a)anthracene	15.12	228	767528	48.29	ng		99
81) 3,3'-Dichlorobenzidine	15.05	252	209361	44.09	ng	#	96
82) Chrysene	15.17	228	750437	46.93	ng		100
83) Bis(2-ethylhexyl)phthalate	15.09	149	455506	47.78	ng		99
84) Di-n-octyl phthalate	15.91	149	766874	53.00	ng		99
85) Indeno(1,2,3-cd)pyrene	19.14	276	824902	52.75	ng		98
87) Benzo(b)fluoranthene	16.53	252	761149	54.76	ng		99
88) Benzo(k)fluoranthene	16.57	252	739412	45.41	ng		99
89) Benzo(a)pyrene	17.03	252	730350	53.74	ng		100
90) Dibenzo(a,h)anthracene	19.17	278	679241	53.34	ng		98
91) Benzo(g,h,i)perylene	19.75	276	690667	51.13	ng		97

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

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