Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079898.D
Acq On : 11 Jun 2015 16:35
Operator : TP/IZ
Sample : PB83888BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83888BS

Manual Integrations APPROVED
apatel
6/13/2015 8:44:00 AM

Quant Time: Jun 12 09:14:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 08:55:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	43852	20.00	ng		0.00
21) Naphthalene-d8	8.68	136	174040	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	87019	20.00	ng		0.00
63) Phenanthrene-d10	11.98	188	179294	20.00	ng		0.00
75) Chrysene-d12	15.01	240	214354	20.00	ng		0.01
86) Perylene-d12	16.96	264	199549	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.01	112	296497	123.98	ng		0.01
7) Phenol-d6	6.99	99	404997	124.30	ng		0.00
23) Nitrobenzene-d5	7.95	82	196128	74.35	ng		0.00
41) 2,4,6-Tribromophenol	11.26	330	102138	116.84	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	481325	77.45	ng		0.00
78) Terphenyl-d14	13.68	244	652954	70.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	32358	29.74	ng		94
3) Pyridine	4.14	79	99565	35.71	ng		99
4) n-Nitrosodimethylamine	4.04	42	47239	34.38	ng		94
6) Aniline	7.05	93	103445	21.94	ng		100
8) 2-Chlorophenol	7.18	128	109500	37.67	ng		97
9) Benzaldehyde	6.94	77	67596	36.09	ng		99
10) Phenol	7.00	94	148609	41.47	ng		97
11) bis(2-Chloroethyl)ether	7.11	93	106327	36.88	ng		96
12) 1,3-Dichlorobenzene	7.34	146	118365	34.91	ng		99
13) 1,4-Dichlorobenzene	7.42	146	119491	33.93	ng		99
14) 1,2-Dichlorobenzene	7.56	146	111332	35.59	ng		98
15) Benzyl Alcohol	7.52	79	92508	35.41	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.66	45	152937	35.81	ng		99
17) 2-Methylphenol	7.62	107	93423	36.79	ng		99
18) Hexachloroethane	7.92	117	37715	34.58	ng		99
19) n-Nitroso-di-n-propylamine	7.78	70	80038	34.38	ng		100
20) 3+4-Methylphenols	7.77	107	119711	36.89	ng		99
22) Acetophenone	7.79	105	157022	38.20	ng		100
24) Nitrobenzene	7.96	77	104238	37.15	ng		98
25) Isophorone	8.20	82	219894	35.82	ng		100
26) 2-Nitrophenol	8.30	139	30307	31.75	ng		99
27) 2,4-Dimethylphenol	8.31	122	102206	37.15	ng		98
28) bis(2-Chloroethoxy)methane	8.41	93	132753	36.42	ng		100
29) 2,4-Dichlorophenol	8.52	162	90494	39.28	ng		98
30) 1,2,4-Trichlorobenzene	8.63	180	101189	34.55	ng		98
31) Naphthalene	8.71	128	333139	35.02	ng		99
32) Benzoic acid	8.36	122	29629	31.21	ng		93
33) 4-Chloroaniline	8.74	127	77005m	20.85	ng		
34) Hexachlorobutadiene	8.82	225	56142	34.53	ng		96
35) Caprolactam	9.07	113	26728	36.68	ng	#	70
36) 4-Chloro-3-methylphenol	9.21	107	101419	38.53	ng		97
37) 2-Methylnaphthalene	9.40	142	234656	36.51	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	103894	35.65	ng		99
40) Hexachlorocyclopentadiene	9.56	237	84012	69.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	63286	35.24	ng		97
43) 2,4,5-Trichlorophenol	9.71	196	74780	37.72	ng		97
45) 1,1'-Biphenyl	9.86	154	255609	36.30	ng		99
46) 2-Chloronaphthalene	9.90	162	217722	36.31	ng		98
47) 2-Nitroaniline	9.98	65	42186	34.12	ng		96
48) Acenaphthylene	10.32	152	362638	35.83	ng		98
49) Dimethylphthalate	10.15	163	256406	36.78	ng		98
50) 2,6-Dinitrotoluene	10.22	165	45259	36.32	ng		90
51) Acenaphthene	10.49	154	203076	35.30	ng		98
52) 3-Nitroaniline	10.39	138	39132	26.63	ng		91
53) 2,4-Dinitrophenol	10.49	184	13800	63.05	ng	#	1
54) Dibenzofuran	10.66	168	312217	37.15	ng		98
55) 4-Nitrophenol	10.52	139	76804	69.37	ng		99
56) 2,4-Dinitrotoluene	10.63	165	55897	34.60	ng		97
57) Fluorene	11.02	166	259864	35.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.78	232	58427m	38.89	ng		
59) Diethylphthalate	10.86	149	267923	38.43	ng		98
60) 4-Chlorophenyl-phenylether	10.99	204	120609	36.86	ng		95
61) 4-Nitroaniline	11.01	138	52991	33.62	ng		93
62) Azobenzene	11.15	77	242717	36.19	ng		97
64) 4,6-Dinitro-2-methylphenol	11.04	198	13112	35.90	ng		98
65) n-Nitrosodiphenylamine	11.11	169	231416	39.98	ng		99
66) 4-Bromophenyl-phenylether	11.50	248	78904	39.27	ng		93
67) Hexachlorobenzene	11.58	284	84351	38.49	ng		97
68) Atrazine	11.63	200	66975	37.60	ng		97
69) Pentachlorophenol	11.76	266	66603	66.29	ng		96
70) Phenanthrene	12.00	178	402595	37.68	ng		99
71) Anthracene	12.05	178	393712	38.08	ng		99
72) Carbazole	12.19	167	360511	35.95	ng		98
73) Di-n-butylphthalate	12.53	149	391831	35.86	ng	#	98
74) Fluoranthene	13.27	202	442595	37.47	ng		95
76) Benzidine	13.39	184	203993	34.37	ng		99
77) Pyrene	13.54	202	469657	34.89	ng		99
79) Butylbenzylphthalate	14.25	149	166661	36.66	ng		98
80) Benzo(a)anthracene	14.99	228	454239	33.37	ng		99
81) 3,3'-Dichlorobenzidine	14.94	252	102579	23.57	ng	#	98
82) Chrysene	15.04	228	430870	35.54	ng		100
83) Bis(2-ethylhexyl)phthalate	14.97	149	271641	37.33	ng		99
84) Di-n-octyl phthalate	15.82	149	448868	37.83	ng		99
85) Indeno(1,2,3-cd)pyrene	18.88	276	457229	32.08	ng		99
87) Benzo(b)fluoranthene	16.40	252	403994	33.04	ng		99
88) Benzo(k)fluoranthene	16.43	252	484081m	38.82	ng		
89) Benzo(a)pyrene	16.88	252	423740	36.44	ng	#	97
90) Dibenzo(a,h)anthracene	18.90	278	378618	33.12	ng		98
91) Benzo(g,h,i)perylene	19.45	276	393377	33.26	ng		99

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

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