Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078817.D
Acq On : 29 Apr 2015 17:03
Operator : TP/IZ
Sample : PB83015BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83015BS

Quant Time: Apr 30 01:40:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76774	20.00	ng		0.00
21) Naphthalene-d8	8.96	136	314566	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	153995	20.00	ng		0.00
63) Phenanthrene-d10	12.98	188	285311	20.00	ng		0.00
75) Chrysene-d12	16.31	240	310510	20.00	ng		0.01
86) Perylene-d12	18.13	264	299704	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	541839	129.63	ng		0.00
7) Phenol-d6	6.92	99	681361	122.05	ng		0.00
23) Nitrobenzene-d5	8.07	82	368004	84.23	ng		0.00
41) 2,4,6-Tribromophenol	12.12	330	198382	129.59	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	839464	74.65	ng		0.00
78) Terphenyl-d14	14.98	244	961382	73.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	61970	32.31	ng	#	21
3) Pyridine	3.14	79	191720	33.85	ng		97
4) n-Nitrosodimethylamine	3.05	42	101643m	39.95	ng		
6) Aniline	6.97	93	180716	22.16	ng		97
8) 2-Chlorophenol	7.11	128	198711	41.36	ng		94
9) Benzaldehyde	6.83	77	13184	3.27	ng		89
10) Phenol	6.95	94	254417	38.56	ng		93
11) bis(2-Chloroethyl)ether	7.07	93	189321	38.79	ng		89
12) 1,3-Dichlorobenzene	7.31	146	203627	36.50	ng	#	90
13) 1,4-Dichlorobenzene	7.40	146	215900	37.80	ng		97
14) 1,2-Dichlorobenzene	7.59	146	201257	37.71	ng		97
15) Benzyl Alcohol	7.55	79	161450	38.81	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.74	45	296275	38.84	ng		98
17) 2-Methylphenol	7.69	107	159864	41.10	ng		95
18) Hexachloroethane	8.01	117	71806	38.06	ng		92
19) n-Nitroso-di-n-propylamine	7.90	70	152515	39.15	ng	#	87
20) 3+4-Methylphenols	7.88	107	216620	42.75	ng		90
22) Acetophenone	7.88	105	281303	40.36	ng	#	91
24) Nitrobenzene	8.09	77	203108	43.41	ng		94
25) Isophorone	8.40	82	382366	38.71	ng	#	92
26) 2-Nitrophenol	8.49	139	74529	54.23	ng	#	88
27) 2,4-Dimethylphenol	8.55	122	182333	41.61	ng		96
28) bis(2-Chloroethoxy)methane	8.67	93	254573	41.74	ng		99
29) 2,4-Dichlorophenol	8.78	162	160908	42.96	ng		94
30) 1,2,4-Trichlorobenzene	8.89	180	166844	38.79	ng		96
31) Naphthalene	8.98	128	564068	37.78	ng		99
32) Benzoic acid	8.63	122	75544	56.81	ng		96
33) 4-Chloroaniline	9.05	127	115460	18.38	ng		95
34) Hexachlorobutadiene	9.14	225	94251	38.84	ng		97
35) Caprolactam	9.47	113	51228	42.96	ng		94
36) 4-Chloro-3-methylphenol	9.66	107	176543	44.90	ng		90
37) 2-Methylnaphthalene	9.85	142	413372	41.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	161973	37.12	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	168874	92.08	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.19	196	109875	41.33	ng		95
43) 2,4,5-Trichlorophenol	10.24	196	116856	41.30	ng	#	90
45) 1,1'-Biphenyl	10.43	154	474437	38.39	ng		96
46) 2-Chloronaphthalene	10.46	162	366069	37.90	ng		93
47) 2-Nitroaniline	10.57	65	98710	46.79	ng	#	84
48) Acenaphthylene	10.96	152	599429	37.93	ng		100
49) Dimethylphthalate	10.81	163	421005	38.46	ng		99
50) 2,6-Dinitrotoluene	10.89	165	81610	45.76	ng	#	65
51) Acenaphthene	11.18	154	353839	38.12	ng		99
52) 3-Nitroaniline	11.08	138	68327	29.53	ng		85
53) 2,4-Dinitrophenol	11.22	184	40926	143.55	ng	#	76
54) Dibenzofuran	11.39	168	523284	38.43	ng		97
55) 4-Nitrophenol	11.28	139	164836	88.06	ng	#	65
56) 2,4-Dinitrotoluene	11.38	165	113607	51.68	ng	#	71
57) Fluorene	11.82	166	434833	39.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.54	232	94877	44.77	ng	#	100
59) Diethylphthalate	11.69	149	436808	40.10	ng		96
60) 4-Chlorophenyl-phenylether	11.83	204	193695	39.99	ng		93
61) 4-Nitroaniline	11.84	138	94142	40.66	ng		94
62) Azobenzene	12.02	77	463563	41.73	ng		94
64) 4,6-Dinitro-2-methylphenol	11.88	198	30108	59.13	ng	#	61
65) n-Nitrosodiphenylamine	11.98	169	380063	41.20	ng		98
66) 4-Bromophenyl-phenylether	12.43	248	115046	39.95	ng	#	83
67) Hexachlorobenzene	12.50	284	131254	40.23	ng	#	78
68) Atrazine	12.65	200	114188	46.22	ng		94
69) Pentachlorophenol	12.74	266	146648	84.38	ng		97
70) Phenanthrene	13.02	178	640166	41.44	ng		100
71) Anthracene	13.09	178	644043	42.64	ng		99
72) Carbazole	13.28	167	614483	43.09	ng		98
73) Di-n-butylphthalate	13.74	149	701354	42.45	ng	#	98
74) Fluoranthene	14.50	202	681625	44.25	ng		92
76) Benzidine	14.67	184	233130	23.19	ng		99
77) Pyrene	14.78	202	717578	39.55	ng		99
79) Butylbenzylphthalate	15.61	149	298431	42.90	ng		90
80) Benzo(a)anthracene	16.30	228	666608	40.01	ng		99
81) 3,3'-Dichlorobenzidine	16.27	252	163222	28.78	ng		99
82) Chrysene	16.34	228	631448	38.88	ng		99
83) Bis(2-ethylhexyl)phthalate	16.35	149	456221	40.85	ng		99
84) Di-n-octyl phthalate	17.19	149	753655	42.51	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.66	276	771638	41.89	ng	#	100
87) Benzo(b)fluoranthene	17.66	252	769964	47.46	ng		98
88) Benzo(k)fluoranthene	17.69	252	559688	35.60	ng		98
89) Benzo(a)pyrene	18.06	252	630099	43.41	ng	#	95
90) Dibenzo(a,h)anthracene	19.69	278	632070	42.04	ng		98
91) Benzo(g,h,i)perylene	20.11	276	644033	42.68	ng		98

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

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