Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077781.D
Acq On : 17 Mar 2015 19:45
Operator : TP/IZ
Sample : PB82152BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82152BS

Quant Time: Mar 18 02:15:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 00:52:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	40271	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	159733	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	79747	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	149011	20.00	ng		-0.01
75) Chrysene-d12	16.03	240	164382	20.00	ng		0.00
86) Perylene-d12	17.73	264	159414	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	289782	125.60	ng		0.00
7) Phenol-d6	6.73	99	359187	126.01	ng		0.00
23) Nitrobenzene-d5	7.86	82	201896	82.85	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	86455	113.31	ng		-0.01
44) 2-Fluorobiphenyl	10.09	172	444492	81.91	ng		0.00
78) Terphenyl-d14	14.74	244	507527	75.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	37578	35.87	ng	#	100
3) Pyridine	2.76	79	87829	31.21	ng		94
4) n-Nitrosodimethylamine	2.68	42	45941	37.49	ng		94
6) Aniline	6.75	93	80303	19.70	ng	#	58
8) 2-Chlorophenol	6.89	128	107481	39.14	ng		99
9) Benzaldehyde	6.60	77	7200	6.17	ng		95
10) Phenol	6.74	94	125355	37.20	ng		94
11) bis(2-Chloroethyl)ether	6.85	93	99170	39.29	ng		96
12) 1,3-Dichlorobenzene	7.08	146	117287	38.40	ng		99
13) 1,4-Dichlorobenzene	7.18	146	115986	36.55	ng		99
14) 1,2-Dichlorobenzene	7.37	146	110069	37.83	ng		100
15) Benzyl Alcohol	7.34	79	83950	37.73	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.53	45	127953	37.62	ng		99
17) 2-Methylphenol	7.49	107	84621	37.85	ng		97
18) Hexachloroethane	7.78	117	38540	37.03	ng		98
19) n-Nitroso-di-n-propylamine	7.68	70	68370	34.67	ng		96
20) 3+4-Methylphenols	7.69	107	109050	37.17	ng		96
22) Acetophenone	7.66	105	141140	39.91	ng	#	98
24) Nitrobenzene	7.88	77	101092	38.51	ng	#	78
25) Isophorone	8.18	82	186843	37.97	ng		99
26) 2-Nitrophenol	8.27	139	50961	39.65	ng		95
27) 2,4-Dimethylphenol	8.34	122	96265	41.11	ng		97
28) bis(2-Chloroethoxy)methane	8.46	93	120958	40.49	ng		97
29) 2,4-Dichlorophenol	8.57	162	88963	39.86	ng		97
30) 1,2,4-Trichlorobenzene	8.67	180	96197	38.52	ng		98
31) Naphthalene	8.76	128	313730	38.24	ng		100
32) Benzoic acid	8.44	122	43126	33.98	ng		95
33) 4-Chloroaniline	8.84	127	77209	23.19	ng		97
34) Hexachlorobutadiene	8.92	225	51638	36.48	ng		95
35) Caprolactam	9.26	113	26402	40.48	ng		88
36) 4-Chloro-3-methylphenol	9.45	107	90332	40.23	ng		86
37) 2-Methylnaphthalene	9.62	142	209424	38.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	92670	38.96	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	88563	74.60	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	62620	38.01	ng		99
43) 2,4,5-Trichlorophenol	10.02	196	66093	37.13	ng	#	90
45) 1,1'-Biphenyl	10.20	154	246238	38.63	ng		98
46) 2-Chloronaphthalene	10.22	162	203404	39.26	ng		98
47) 2-Nitroaniline	10.35	65	49325	38.34	ng	#	80
48) Acenaphthylene	10.73	152	308839	35.85	ng		100
49) Dimethylphthalate	10.59	163	216590	36.62	ng		100
50) 2,6-Dinitrotoluene	10.67	165	47881	39.05	ng	#	72
51) Acenaphthene	10.94	154	180638	36.57	ng		99
52) 3-Nitroaniline	10.86	138	39674	27.86	ng		85
53) 2,4-Dinitrophenol	11.00	184	34711	77.36	ng	#	74
54) Dibenzofuran	11.16	168	278809	38.06	ng		95
55) 4-Nitrophenol	11.08	139	81741	77.50	ng	#	65
56) 2,4-Dinitrotoluene	11.16	165	65177	40.77	ng	#	81
57) Fluorene	11.59	166	227144	37.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	52166	38.06	ng	#	100
59) Diethylphthalate	11.47	149	218982	38.00	ng		99
60) 4-Chlorophenyl-phenylether	11.60	204	100083	36.05	ng		93
61) 4-Nitroaniline	11.62	138	54418	38.35	ng		85
62) Azobenzene	11.79	77	211241	38.35	ng		94
64) 4,6-Dinitro-2-methylphenol	11.65	198	23006	34.07	ng	#	72
65) n-Nitrosodiphenylamine	11.75	169	198727	40.05	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	63817	40.13	ng	#	93
67) Hexachlorobenzene	12.26	284	65969	37.75	ng	#	90
68) Atrazine	12.42	200	59340	42.68	ng		95
69) Pentachlorophenol	12.51	266	70645	77.30	ng		97
70) Phenanthrene	12.77	178	342339	40.02	ng		99
71) Anthracene	12.84	178	344456	40.76	ng		99
72) Carbazole	13.05	167	341748	42.51	ng		98
73) Di-n-butylphthalate	13.51	149	349545	38.78	ng		99
74) Fluoranthene	14.25	202	368397	39.04	ng		96
76) Benzidine	14.43	184	149053	36.62	ng		98
77) Pyrene	14.53	202	393018	38.02	ng		99
79) Butylbenzylphthalate	15.37	149	151454	37.16	ng		94
80) Benzo(a)anthracene	16.02	228	384025	39.41	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	85095	26.47	ng		100
82) Chrysene	16.07	228	352973	40.29	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	216193	35.02	ng		99
84) Di-n-octyl phthalate	16.87	149	354828	33.62	ng		100
85) Indeno(1,2,3-cd)pyrene	19.12	276	393459	35.98	ng	#	100
87) Benzo(b)fluoranthene	17.30	252	374546	35.99	ng	#	95
88) Benzo(k)fluoranthene	17.32	252	354186m	43.57	ng		
89) Benzo(a)pyrene	17.67	252	348756	40.16	ng	#	96
90) Dibenzo(a,h)anthracene	19.15	278	324834	37.72	ng		100
91) Benzo(g,h,i)perylene	19.53	276	333736	38.06	ng		98

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

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