Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077782.D
Acq On : 17 Mar 2015 20:14
Operator : TP/IZ
Sample : PB82152BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82152BSD

Quant Time: Mar 18 02:18:13 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	41564	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	167810	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	83773	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	158352	20.00	ng		0.00
75) Chrysene-d12	16.03	240	174218	20.00	ng		0.00
86) Perylene-d12	17.72	264	161644	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	307234	129.03	ng		0.00
7) Phenol-d6	6.73	99	371673	126.33	ng		0.00
23) Nitrobenzene-d5	7.86	82	215336	84.12	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	96350	120.21	ng		-0.01
44) 2-Fluorobiphenyl	10.09	172	485962	85.25	ng		0.00
78) Terphenyl-d14	14.74	244	534401	74.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	36413	33.68	ng	#	100
3) Pyridine	2.76	79	88546	30.48	ng		97
4) n-Nitrosodimethylamine	2.68	42	44249	34.98	ng	#	96
6) Aniline	6.75	93	89998	21.39	ng	#	62
8) 2-Chlorophenol	6.89	128	113436	40.02	ng		97
9) Benzaldehyde	6.60	77	7762	6.44	ng		95
10) Phenol	6.74	94	133192	38.30	ng		97
11) bis(2-Chloroethyl)ether	6.85	93	106894	41.04	ng		98
12) 1,3-Dichlorobenzene	7.08	146	118873	37.71	ng		99
13) 1,4-Dichlorobenzene	7.18	146	119516	36.49	ng		99
14) 1,2-Dichlorobenzene	7.37	146	114420	38.10	ng		97
15) Benzyl Alcohol	7.34	79	88392	38.49	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	136952	39.01	ng		99
17) 2-Methylphenol	7.49	107	91546	39.67	ng		97
18) Hexachloroethane	7.78	117	40711	37.90	ng		95
19) n-Nitroso-di-n-propylamine	7.68	70	72454	35.60	ng		97
20) 3+4-Methylphenols	7.69	107	115475	38.14	ng		98
22) Acetophenone	7.68	105	150628	40.55	ng	#	91
24) Nitrobenzene	7.88	77	108118	39.20	ng	#	79
25) Isophorone	8.18	82	202383	39.15	ng		98
26) 2-Nitrophenol	8.27	139	55689	41.24	ng		93
27) 2,4-Dimethylphenol	8.34	122	103307	42.00	ng		97
28) bis(2-Chloroethoxy)methane	8.46	93	129128	41.15	ng		99
29) 2,4-Dichlorophenol	8.57	162	96864	41.31	ng		97
30) 1,2,4-Trichlorobenzene	8.67	180	100730	38.40	ng		98
31) Naphthalene	8.76	128	320849	37.23	ng		100
32) Benzoic acid	8.45	122	45711	34.26	ng		94
33) 4-Chloroaniline	8.84	127	78011	22.30	ng		97
34) Hexachlorobutadiene	8.92	225	54649	36.75	ng		97
35) Caprolactam	9.26	113	28708	41.89	ng		93
36) 4-Chloro-3-methylphenol	9.45	107	93177	39.50	ng		85
37) 2-Methylnaphthalene	9.62	142	224911	38.84	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	98434	39.40	ng	#	100
40) Hexachlorocyclopentadiene	9.81	237	94323	75.59	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	66145	38.22	ng		98
43) 2,4,5-Trichlorophenol	10.02	196	72001	38.51	ng	#	88
45) 1,1'-Biphenyl	10.20	154	266362	39.77	ng		97
46) 2-Chloronaphthalene	10.22	162	213147	39.16	ng		98
47) 2-Nitroaniline	10.35	65	52835	39.09	ng	#	81
48) Acenaphthylene	10.73	152	330455	36.51	ng		100
49) Dimethylphthalate	10.59	163	237753	38.26	ng		100
50) 2,6-Dinitrotoluene	10.67	165	52640	40.87	ng	#	70
51) Acenaphthene	10.94	154	192728	37.14	ng		98
52) 3-Nitroaniline	10.86	138	43729	29.23	ng		85
53) 2,4-Dinitrophenol	11.00	184	40698	85.41	ng	#	76
54) Dibenzofuran	11.16	168	303801	39.48	ng		97
55) 4-Nitrophenol	11.09	139	91225	82.33	ng		93
56) 2,4-Dinitrotoluene	11.16	165	74909	44.60	ng	#	76
57) Fluorene	11.58	166	246074	38.51	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.32	232	56833	39.47	ng	#	100
59) Diethylphthalate	11.47	149	236776	39.11	ng		97
60) 4-Chlorophenyl-phenylether	11.60	204	112355	38.53	ng		92
61) 4-Nitroaniline	11.62	138	57836	38.80	ng		84
62) Azobenzene	11.79	77	227658	39.35	ng		93
64) 4,6-Dinitro-2-methylphenol	11.66	198	27562	37.86	ng	#	69
65) n-Nitrosodiphenylamine	11.74	169	211191	40.05	ng		99
66) 4-Bromophenyl-phenylether	12.20	248	68149	40.33	ng	#	91
67) Hexachlorobenzene	12.26	284	72312	38.94	ng	#	94
68) Atrazine	12.42	200	64330	43.54	ng		95
69) Pentachlorophenol	12.51	266	76509	78.72	ng		97
70) Phenanthrene	12.77	178	368454	40.53	ng		100
71) Anthracene	12.84	178	370247	41.22	ng		99
72) Carbazole	13.05	167	350982	41.08	ng		99
73) Di-n-butylphthalate	13.51	149	380807	39.75	ng		99
74) Fluoranthene	14.25	202	390287	38.92	ng		96
76) Benzidine	14.43	184	165470	38.38	ng		98
77) Pyrene	14.52	202	417038	38.07	ng		99
79) Butylbenzylphthalate	15.36	149	162290	37.57	ng	#	78
80) Benzo(a)anthracene	16.02	228	401318	38.86	ng		99
81) 3,3'-Dichlorobenzidine	16.00	252	89047	26.14	ng		99
82) Chrysene	16.05	228	354048	38.13	ng		99
83) Bis(2-ethylhexyl)phthalate	16.08	149	233750	35.73	ng	#	95
84) Di-n-octyl phthalate	16.87	149	385302	34.44	ng		99
85) Indeno(1,2,3-cd)pyrene	19.12	276	404559	34.91	ng	#	100
87) Benzo(b)fluoranthene	17.30	252	382987	36.29	ng	#	95
88) Benzo(k)fluoranthene	17.32	252	373431m	45.30	ng		
89) Benzo(a)pyrene	17.67	252	363754	41.31	ng	#	97
90) Dibenzo(a,h)anthracene	19.15	278	332048	38.02	ng		99
91) Benzo(g,h,i)perylene	19.53	276	343766	38.67	ng		98

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

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