Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077955.D
Acq On : 25 Mar 2015 17:02
Operator : TP/IZ
Sample : PB82256BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82256BS

Quant Time: Mar 26 03:47:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	40492	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	169483	20.00	ng		0.00
38) Acenaphthene-d10	10.84	164	88009	20.00	ng		0.00
63) Phenanthrene-d10	12.68	188	178478	20.00	ng		0.00
75) Chrysene-d12	16.04	240	196520	20.00	ng		0.07
86) Perylene-d12	18.01	264	182090	20.00	ng		0.26
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	266652	114.95	ng		0.00
7) Phenol-d6	6.67	99	333425	116.33	ng		0.00
23) Nitrobenzene-d5	7.79	82	188956	73.08	ng		0.00
41) 2,4,6-Tribromophenol	11.83	330	91276	108.40	ng		0.00
44) 2-Fluorobiphenyl	10.02	172	418170	69.83	ng		0.00
78) Terphenyl-d14	14.68	244	547215	68.02	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.97	88	32099	30.48	ng	#	100
3) Pyridine	2.64	79	89837	31.75	ng		96
4) n-Nitrosodimethylamine	2.57	42	36758	29.83	ng		99
6) Aniline	6.68	93	87520	21.35	ng	#	68
8) 2-Chlorophenol	6.83	128	105057	38.05	ng		91
9) Benzaldehyde	6.54	77	4882	4.16	ng		86
10) Phenol	6.69	94	128996	38.07	ng	#	72
11) bis(2-Chloroethyl)ether	6.78	93	94509	37.24	ng		90
12) 1,3-Dichlorobenzene	7.01	146	106298	34.61	ng		97
13) 1,4-Dichlorobenzene	7.12	146	110085	34.50	ng		96
14) 1,2-Dichlorobenzene	7.30	146	105166	35.95	ng		96
15) Benzyl Alcohol	7.29	79	86122	38.49	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.46	45	124992	36.55	ng		98
17) 2-Methylphenol	7.44	107	82188	36.56	ng		97
18) Hexachloroethane	7.71	117	36533	34.91	ng		91
19) n-Nitroso-di-n-propylamine	7.62	70	71325	35.97	ng		99
20) 3+4-Methylphenols	7.63	107	112514	38.14	ng		93
22) Acetophenone	7.61	105	143467	38.24	ng	#	96
24) Nitrobenzene	7.81	77	103896	37.30	ng		93
25) Isophorone	8.11	82	182073	34.87	ng	#	91
26) 2-Nitrophenol	8.21	139	51127	37.49	ng		91
27) 2,4-Dimethylphenol	8.28	122	95756	38.54	ng		95
28) bis(2-Chloroethoxy)methane	8.40	93	116723	36.83	ng		100
29) 2,4-Dichlorophenol	8.51	162	89312	37.71	ng		98
30) 1,2,4-Trichlorobenzene	8.60	180	88456	33.39	ng	#	95
31) Naphthalene	8.70	128	297093	34.13	ng		99
32) Benzoic acid	8.41	122	49122	36.26	ng		87
33) 4-Chloroaniline	8.78	127	77858	22.04	ng		98
34) Hexachlorobutadiene	8.85	225	50807	33.83	ng		97
35) Caprolactam	9.21	113	27629	39.92	ng		97
36) 4-Chloro-3-methylphenol	9.40	107	90350	37.92	ng		98
37) 2-Methylnaphthalene	9.56	142	213261	36.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.77	216	90194	34.36	ng	#	100
40) Hexachlorocyclopentadiene	9.74	237	84449	64.89	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.92	196	66088	36.35	ng		98
43) 2,4,5-Trichlorophenol	9.96	196	68131	34.68	ng	#	88
45) 1,1'-Biphenyl	10.14	154	247201	35.14	ng		98
46) 2-Chloronaphthalene	10.16	162	197130	34.48	ng	#	93
47) 2-Nitroaniline	10.29	65	54304	38.24	ng		94
48) Acenaphthylene	10.67	152	326357	34.33	ng		100
49) Dimethylphthalate	10.53	163	240477	36.84	ng		100
50) 2,6-Dinitrotoluene	10.60	165	50907	37.62	ng		95
51) Acenaphthene	10.88	154	182234	33.43	ng		97
52) 3-Nitroaniline	10.81	138	47673	30.34	ng		96
53) 2,4-Dinitrophenol	10.95	184	43515	86.78	ng	#	75
54) Dibenzofuran	11.09	168	283463	35.06	ng		92
55) 4-Nitrophenol	11.04	139	87043	74.78	ng		86
56) 2,4-Dinitrotoluene	11.11	165	70453	39.93	ng	#	62
57) Fluorene	11.52	166	240559	35.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.25	232	59757	39.51	ng	#	100
59) Diethylphthalate	11.41	149	236256	37.15	ng		99
60) 4-Chlorophenyl-phenylether	11.53	204	105302	34.37	ng	#	82
61) 4-Nitroaniline	11.56	138	58548	37.38	ng		92
62) Azobenzene	11.72	77	215192	35.40	ng		88
64) 4,6-Dinitro-2-methylphenol	11.60	198	29474	36.14	ng		85
65) n-Nitrosodiphenylamine	11.69	169	207264	34.88	ng		100
66) 4-Bromophenyl-phenylether	12.13	248	64791	34.02	ng	#	82
67) Hexachlorobenzene	12.19	284	69913	33.41	ng	#	81
68) Atrazine	12.36	200	70136	42.11	ng		98
69) Pentachlorophenol	12.45	266	73793	67.81	ng		98
70) Phenanthrene	12.71	178	348271	33.99	ng		99
71) Anthracene	12.77	178	369218	36.47	ng		99
72) Carbazole	12.98	167	343649	35.69	ng		99
73) Di-n-butylphthalate	13.44	149	399423	36.99	ng		99
74) Fluoranthene	14.18	202	394133	34.88	ng		96
76) Benzidine	14.37	184	152280	31.22	ng		100
77) Pyrene	14.47	202	424423	34.34	ng		100
79) Butylbenzylphthalate	15.32	149	182783	37.51	ng	#	82
80) Benzo(a)anthracene	16.03	228	402324	34.54	ng		99
81) 3,3'-Dichlorobenzidine	16.01	252	97698	25.42	ng		97
82) Chrysene	16.08	228	382091	36.48	ng		99
83) Bis(2-ethylhexyl)phthalate	16.11	149	271141	36.74	ng	#	96
84) Di-n-octyl phthalate	17.01	149	473558	37.53	ng		100
85) Indeno(1,2,3-cd)pyrene	19.46	276	413895m	31.66	ng		
87) Benzo(b)fluoranthene	17.49	252	378601m	31.85	ng		
88) Benzo(k)fluoranthene	17.53	252	391133	42.12	ng		99
89) Benzo(a)pyrene	17.93	252	373119	37.62	ng	#	98
90) Dibenzo(a,h)anthracene	19.48	278	344416	35.01	ng		97
91) Benzo(g,h,i)perylene	19.86	276	352511	35.20	ng		99

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

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