Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077846.D
Acq On : 19 Mar 2015 22:37
Operator : TP/IZ
Sample : PB82188BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82188BS

Quant Time: Mar 20 01:58:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 01:13:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	40557	20.00	ng		0.00
21) Naphthalene-d8	8.73	136	171302	20.00	ng		0.00
38) Acenaphthene-d10	10.90	164	88086	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	172020	20.00	ng		0.00
75) Chrysene-d12	16.02	240	187977	20.00	ng		-0.01
86) Perylene-d12	17.72	264	182367	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	283178	121.88	ng		0.01
7) Phenol-d6	6.73	99	333423	116.15	ng		0.00
23) Nitrobenzene-d5	7.85	82	205540	78.65	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	91794	108.92	ng		0.00
44) 2-Fluorobiphenyl	10.08	172	451309	75.30	ng		0.00
78) Terphenyl-d14	14.73	244	540907	70.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	32501	30.81	ng	#	100
3) Pyridine	2.75	79	85532	30.18	ng		98
4) n-Nitrosodimethylamine	2.67	42	42045	34.07	ng		90
6) Aniline	6.74	93	78535	19.13	ng	#	44
8) 2-Chlorophenol	6.89	128	109667	39.65	ng		94
9) Benzaldehyde	6.60	77	6799	5.78	ng		96
10) Phenol	6.75	94	127427	37.55	ng	#	73
11) bis(2-Chloroethyl)ether	6.84	93	97644	38.42	ng		89
12) 1,3-Dichlorobenzene	7.07	146	112432	36.55	ng		97
13) 1,4-Dichlorobenzene	7.17	146	114850	35.93	ng		96
14) 1,2-Dichlorobenzene	7.36	146	112919	38.54	ng		98
15) Benzyl Alcohol	7.34	79	84341	37.64	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.52	45	129177	37.71	ng		98
17) 2-Methylphenol	7.49	107	88541	39.33	ng		98
18) Hexachloroethane	7.77	117	37773	36.03	ng		92
19) n-Nitroso-di-n-propylamine	7.68	70	73608	37.07	ng		95
20) 3+4-Methylphenols	7.69	107	110121	37.27	ng		96
22) Acetophenone	7.66	105	145480	38.36	ng	#	94
24) Nitrobenzene	7.87	77	107777	38.28	ng		90
25) Isophorone	8.17	82	187847	35.59	ng	#	93
26) 2-Nitrophenol	8.26	139	48819	35.42	ng	#	78
27) 2,4-Dimethylphenol	8.34	122	97500	38.83	ng		99
28) bis(2-Chloroethoxy)methane	8.45	93	123558	38.57	ng		100
29) 2,4-Dichlorophenol	8.57	162	94374	39.43	ng		97
30) 1,2,4-Trichlorobenzene	8.66	180	93682	34.98	ng		96
31) Naphthalene	8.75	128	306804	34.87	ng		100
32) Benzoic acid	8.45	122	46194	33.95	ng		95
33) 4-Chloroaniline	8.83	127	68707	19.24	ng	#	91
34) Hexachlorobutadiene	8.91	225	52555	34.62	ng		98
35) Caprolactam	9.26	113	27700	39.60	ng		89
36) 4-Chloro-3-methylphenol	9.45	107	91684	38.07	ng		87
37) 2-Methylnaphthalene	9.62	142	214692	36.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	93527	35.60	ng	#	100
40) Hexachlorocyclopentadiene	9.80	237	89872	68.79	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	65712	36.11	ng		99
43) 2,4,5-Trichlorophenol	10.02	196	71417	36.32	ng	#	92
45) 1,1'-Biphenyl	10.19	154	249317	35.41	ng		97
46) 2-Chloronaphthalene	10.21	162	197908	34.58	ng	#	93
47) 2-Nitroaniline	10.35	65	56785	39.96	ng		97
48) Acenaphthylene	10.73	152	329142	34.59	ng		99
49) Dimethylphthalate	10.59	163	242517	37.12	ng		99
50) 2,6-Dinitrotoluene	10.66	165	52525	38.78	ng		94
51) Acenaphthene	10.93	154	186591	34.20	ng		99
52) 3-Nitroaniline	10.86	138	38948	24.76	ng		96
53) 2,4-Dinitrophenol	11.00	184	38060	76.85	ng	#	63
54) Dibenzofuran	11.15	168	285483	35.28	ng		92
55) 4-Nitrophenol	11.09	139	90563	77.73	ng		92
56) 2,4-Dinitrotoluene	11.15	165	69547	39.38	ng		97
57) Fluorene	11.57	166	235602	35.06	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.31	232	59186	39.09	ng	#	100
59) Diethylphthalate	11.46	149	229336	36.03	ng		96
60) 4-Chlorophenyl-phenylether	11.59	204	107632	35.10	ng	#	84
61) 4-Nitroaniline	11.62	138	58794	37.51	ng		90
62) Azobenzene	11.78	77	220175	36.19	ng		90
64) 4,6-Dinitro-2-methylphenol	11.65	198	29422	37.28	ng		93
65) n-Nitrosodiphenylamine	11.75	169	206635	36.08	ng		99
66) 4-Bromophenyl-phenylether	12.19	248	63647	34.67	ng	#	79
67) Hexachlorobenzene	12.25	284	70023	34.71	ng	#	81
68) Atrazine	12.42	200	67342	41.95	ng		99
69) Pentachlorophenol	12.51	266	72253	68.84	ng		97
70) Phenanthrene	12.76	178	349373	35.38	ng		99
71) Anthracene	12.83	178	367286	37.65	ng		99
72) Carbazole	13.04	167	349234	37.63	ng		100
73) Di-n-butylphthalate	13.49	149	390664	37.54	ng		99
74) Fluoranthene	14.24	202	399249	36.65	ng		94
76) Benzidine	14.43	184	151915	32.58	ng		99
77) Pyrene	14.52	202	423563	35.83	ng		100
79) Butylbenzylphthalate	15.36	149	173572	37.24	ng		98
80) Benzo(a)anthracene	16.01	228	397102	35.64	ng		100
81) 3,3'-Dichlorobenzidine	15.99	252	80802	21.98	ng	#	97
82) Chrysene	16.05	228	384950	38.42	ng		99
83) Bis(2-ethylhexyl)phthalate	16.08	149	253797	35.95	ng		98
84) Di-n-octyl phthalate	16.85	149	427479	35.41	ng		100
85) Indeno(1,2,3-cd)pyrene	19.11	276	440677	35.24	ng	#	100
87) Benzo(b)fluoranthene	17.29	252	390559	32.80	ng		97
88) Benzo(k)fluoranthene	17.32	252	405350m	43.59	ng		
89) Benzo(a)pyrene	17.67	252	388798	39.14	ng		98
90) Dibenzo(a,h)anthracene	19.14	278	364146	36.96	ng		99
91) Benzo(g,h,i)perylene	19.52	276	371608	37.05	ng		99

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

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