Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
Data File : BF079857.D
Acq On : 10 Jun 2015 11:27
Operator : TP/IZ
Sample : PB83906BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83906BS

Quant Time: Jun 11 01:39:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 00:53:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	46678	20.00	ng		0.00
21) Naphthalene-d8	8.71	136	179666	20.00	ng		0.00
38) Acenaphthene-d10	10.48	164	88324	20.00	ng		-0.01
63) Phenanthrene-d10	12.01	188	181928	20.00	ng		0.01
75) Chrysene-d12	15.14	240	188197	20.00	ng		0.07
86) Perylene-d12	17.15	264	172038	20.00	ng		0.13
System Monitoring Compounds							
5) 2-Fluorophenol	6.03	112	331782	117.14	ng		0.00
7) Phenol-d6	7.02	99	446721	121.90	ng		0.00
23) Nitrobenzene-d5	7.98	82	226854	72.94	ng		0.00
41) 2,4,6-Tribromophenol	11.28	330	101089	132.25	ng		0.00
44) 2-Fluorobiphenyl	9.78	172	525007	83.60	ng		0.00
78) Terphenyl-d14	13.78	244	659526	79.00	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	39323	30.38	ng		88
3) Pyridine	4.18	79	121810	35.04	ng		95
4) n-Nitrosodimethylamine	4.09	42	61916	35.56	ng		81
6) Aniline	7.07	93	132566	25.11	ng		98
8) 2-Chlorophenol	7.20	128	121251	37.97	ng		90
9) Benzaldehyde	6.96	77	82386	38.32	ng		81
10) Phenol	7.03	94	163696	41.93	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	117816	38.64	ng		97
12) 1,3-Dichlorobenzene	7.36	146	137791	37.66	ng		95
13) 1,4-Dichlorobenzene	7.44	146	141995	34.25	ng		98
14) 1,2-Dichlorobenzene	7.60	146	127910	35.52	ng		98
15) Benzyl Alcohol	7.54	79	110551	37.40	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.68	45	176237	37.30	ng		97
17) 2-Methylphenol	7.64	107	104954	38.20	ng		97
18) Hexachloroethane	7.94	117	45438	35.28	ng		97
19) n-Nitroso-di-n-propylamine	7.80	70	92194	36.10	ng		99
20) 3+4-Methylphenols	7.79	107	135672	38.22	ng		99
22) Acetophenone	7.82	105	181657	40.75	ng	#	97
24) Nitrobenzene	7.99	77	113828	36.43	ng		96
25) Isophorone	8.23	82	252332	38.92	ng		97
26) 2-Nitrophenol	8.32	139	37855	30.33	ng		92
27) 2,4-Dimethylphenol	8.33	122	117134	40.02	ng		97
28) bis(2-Chloroethoxy)methane	8.43	93	145828	37.14	ng		99
29) 2,4-Dichlorophenol	8.55	162	97688	39.16	ng	#	82
30) 1,2,4-Trichlorobenzene	8.65	180	114445	35.69	ng		97
31) Naphthalene	8.73	128	372728	38.96	ng		100
32) Benzoic acid	8.39	122	24671	28.81	ng		96
33) 4-Chloroaniline	8.76	127	91238m	23.61	ng		
34) Hexachlorobutadiene	8.84	225	62644	35.49	ng		96
35) Caprolactam	9.10	113	27719	37.97	ng	#	43
36) 4-Chloro-3-methylphenol	9.23	107	114797	42.40	ng		99
37) 2-Methylnaphthalene	9.43	142	267555	39.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	119966	38.86	ng		99
40) Hexachlorocyclopentadiene	9.59	237	113274	76.79	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.70	196	71291	38.23	ng		98
43) 2,4,5-Trichlorophenol	9.74	196	81140	42.16	ng		97
45) 1,1'-Biphenyl	9.88	154	295035	40.29	ng		94
46) 2-Chloronaphthalene	9.92	162	234908	39.29	ng		97
47) 2-Nitroaniline	10.00	65	48671	37.15	ng		97
48) Acenaphthylene	10.34	152	394092	38.76	ng		99
49) Dimethylphthalate	10.17	163	276297	40.13	ng		99
50) 2,6-Dinitrotoluene	10.24	165	49285	41.26	ng		93
51) Acenaphthene	10.51	154	224289	37.71	ng		97
52) 3-Nitroaniline	10.41	138	44790	30.49	ng		90
53) 2,4-Dinitrophenol	10.51	184	18420	59.75	ng	#	24
54) Dibenzofuran	10.69	168	336270	40.37	ng		96
55) 4-Nitrophenol	10.55	139	80115	75.03	ng		88
56) 2,4-Dinitrotoluene	10.65	165	58503	36.42	ng		99
57) Fluorene	11.04	166	285859	38.75	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.80	232	60801	42.73	ng		96
59) Diethylphthalate	10.88	149	291235	43.20	ng		99
60) 4-Chlorophenyl-phenylether	11.02	204	131295	41.14	ng		94
61) 4-Nitroaniline	11.03	138	57944	40.20	ng		97
62) Azobenzene	11.18	77	261093	39.33	ng		98
64) 4,6-Dinitro-2-methylphenol	11.06	198	15055	29.38	ng		97
65) n-Nitrosodiphenylamine	11.13	169	244037	40.43	ng		98
66) 4-Bromophenyl-phenylether	11.52	248	84215	40.04	ng	#	88
67) Hexachlorobenzene	11.60	284	86015	38.97	ng	#	76
68) Atrazine	11.66	200	79836	46.58	ng		96
69) Pentachlorophenol	11.79	266	70794	73.47	ng		96
70) Phenanthrene	12.03	178	435882	40.11	ng		99
71) Anthracene	12.09	178	430909	40.50	ng		100
72) Carbazole	12.24	167	389278	39.52	ng		97
73) Di-n-butylphthalate	12.58	149	442853	43.33	ng		99
74) Fluoranthene	13.35	202	445802	39.11	ng		95
76) Benzidine	13.47	184	255546	45.55	ng		98
77) Pyrene	13.62	202	476889	40.68	ng		100
79) Butylbenzylphthalate	14.37	149	165940	42.24	ng		94
80) Benzo(a)anthracene	15.13	228	447003	39.95	ng		99
81) 3,3'-Dichlorobenzidine	15.07	252	92415	26.46	ng	#	99
82) Chrysene	15.18	228	418076	39.83	ng		99
83) Bis(2-ethylhexyl)phthalate	15.11	149	254647	41.95	ng		98
84) Di-n-octyl phthalate	15.99	149	405745	43.03	ng	#	95
85) Indeno(1,2,3-cd)pyrene	19.11	276	427462	38.55	ng		99
87) Benzo(b)fluoranthene	16.58	252	403160m	39.37	ng		
88) Benzo(k)fluoranthene	16.63	252	430553	40.22	ng		99
89) Benzo(a)pyrene	17.07	252	411105	42.48	ng		97
90) Dibenzo(a,h)anthracene	19.13	278	362914	40.48	ng		96
91) Benzo(g,h,i)perylene	19.69	276	371321	39.24	ng		95

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

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