Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
Data File : BF081653.D
Acq On : 16 Sep 2015 17:24
Operator : UM/IZ
Sample : G3647-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S12MSD

Quant Time: Sep 17 05:23:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	45559	20.00	ng		-0.03
21) Naphthalene-d8	11.09	136	180638	20.00	ng		-0.03
38) Acenaphthene-d10	15.22	164	88077	20.00	ng		-0.03
63) Phenanthrene-d10	18.72	188	182951	20.00	ng		-0.03
75) Chrysene-d12	23.36	240	143908	20.00	ng		-0.02
86) Perylene-d12	24.79	264	103179	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	370896	126.31	ng		0.00
7) Phenol-d6	7.62	99	515452	132.61	ng		-0.02
23) Nitrobenzene-d5	9.50	82	340950	91.06	ng		-0.03
41) 2,4,6-Tribromophenol	17.13	330	112896	143.96	ng		-0.03
44) 2-Fluorobiphenyl	13.74	172	559497	81.40	ng		-0.03
78) Terphenyl-d14	22.09	244	557992	90.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	40450m	30.67	ng		
3) Pyridine	2.11	79	102595	28.21	ng	#	85
4) n-Nitrosodimethylamine	2.08	42	99971	49.49	ng	#	57
6) Aniline	7.50	93	88659	16.15	ng	#	82
8) 2-Chlorophenol	7.74	128	139705	43.18	ng	#	77
9) Benzaldehyde	7.21	77	62065	25.48	ng	#	73
10) Phenol	7.65	94	182107	40.40	ng	#	57
11) bis(2-Chloroethyl)ether	7.73	93	143268	44.05	ng	#	73
12) 1,3-Dichlorobenzene	8.05	146	139031	40.21	ng	#	90
13) 1,4-Dichlorobenzene	8.23	146	143351	40.72	ng	#	90
14) 1,2-Dichlorobenzene	8.55	146	137613	43.42	ng	#	93
15) Benzyl Alcohol	8.63	79	145452	45.62	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	8.95	45	305201	48.96	ng		92
17) 2-Methylphenol	8.97	107	114346	44.29	ng	#	78
18) Hexachloroethane	9.28	117	56561	41.30	ng	#	86
19) n-Nitroso-di-n-propylamine	9.26	70	118197	44.68	ng	#	90
20) 3+4-Methylphenols	9.35	107	150951	43.36	ng		83
22) Acetophenone	9.18	105	214512	43.48	ng	#	74
24) Nitrobenzene	9.53	77	173152	44.53	ng	#	64
25) Isophorone	10.13	82	307926	44.22	ng	#	83
26) 2-Nitrophenol	10.26	139	73157	43.17	ng	#	28
27) 2,4-Dimethylphenol	10.54	122	123266	42.11	ng	#	78
28) bis(2-Chloroethoxy)methane	10.73	93	182845	45.45	ng	#	92
29) 2,4-Dichlorophenol	10.88	162	113794	44.83	ng		93
30) 1,2,4-Trichlorobenzene	10.99	180	118957	43.14	ng		97
31) Naphthalene	11.14	128	411706	42.74	ng		100
32) Benzoic acid	10.99	122	2630m	3.73	ng		
33) 4-Chloroaniline	11.38	127	36209	9.21	ng	#	81
34) Hexachlorobutadiene	11.49	225	74202	44.22	ng		97
35) Caprolactam	12.29	113	34485m	44.30	ng		
36) 4-Chloro-3-methylphenol	12.71	107	141945	49.96	ng	#	77
37) 2-Methylnaphthalene	12.79	142	274686	43.82	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	118852	42.67	ng		97
40) Hexachlorocyclopentadiene	13.18	237	117344	85.84	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	82343	42.83	ng		99
43) 2,4,5-Trichlorophenol	13.66	196	85893	43.80	ng	#	88
45) 1,1'-Biphenyl	13.94	154	334866	41.33	ng		96
46) 2-Chloronaphthalene	13.92	162	244682	41.81	ng	#	87
47) 2-Nitroaniline	14.28	65	111619	46.80	ng	#	63
48) Acenaphthylene	14.88	152	428376	41.26	ng		98
49) Dimethylphthalate	14.82	163	409232	59.80	ng	#	96
50) 2,6-Dinitrotoluene	14.92	165	64484	41.52	ng	#	37
51) Acenaphthene	15.30	154	243052	41.15	ng		90
52) 3-Nitroaniline	15.27	138	35558	20.11	ng	#	54
53) 2,4-Dinitrophenol	15.57	184	40048	52.99	ng	#	33
54) Dibenzofuran	15.73	168	376119	43.62	ng	#	85
55) 4-Nitrophenol	15.90	139	97382	87.67	ng	#	24
56) 2,4-Dinitrotoluene	15.86	165	89946	45.48	ng	#	57
57) Fluorene	16.54	166	297237	45.42	ng		94
58) 2,3,4,6-Tetrachlorophenol	16.09	232	70434	47.04	ng		90
59) Diethylphthalate	16.52	149	335222	46.57	ng		95
60) 4-Chlorophenyl-phenylether	16.63	204	142418	46.69	ng	#	84
61) 4-Nitroaniline	16.74	138	63333	35.45	ng	#	23
62) Azobenzene	17.00	77	374607	46.81	ng		82
64) 4,6-Dinitro-2-methylphenol	16.84	198	44027	43.03	ng		84
65) n-Nitrosodiphenylamine	16.95	169	260117	39.07	ng		95
66) 4-Bromophenyl-phenylether	17.77	248	78213	42.28	ng	#	90
67) Hexachlorobenzene	17.82	284	79511	41.11	ng	#	79
68) Atrazine	18.36	200	96134	49.90	ng	#	79
69) Pentachlorophenol	18.37	266	74212	78.94	ng		97
70) Phenanthrene	18.79	178	426157	41.90	ng		97
71) Anthracene	18.90	178	429937	41.14	ng		99
72) Carbazole	19.38	167	409737	41.79	ng		97
73) Di-n-butylphthalate	20.44	149	532532	45.99	ng	#	98
74) Fluoranthene	21.41	202	455768	41.39	ng		88
76) Benzidine	21.72	184	122776	19.87	ng		97
77) Pyrene	21.75	202	466719	43.78	ng		98
79) Butylbenzylphthalate	22.78	149	208997	45.08	ng	#	73
80) Benzo(a)anthracene	23.35	228	382146	41.70	ng		97
81) 3,3'-Dichlorobenzidine	23.36	252	56093	18.15	ng	#	93
82) Chrysene	23.40	228	366100	44.56	ng		94
83) Bis(2-ethylhexyl)phthalate	23.48	149	315781	51.61	ng	#	92
84) Di-n-octyl phthalate	24.13	149	469477	46.60	ng		95
85) Indeno(1,2,3-cd)pyrene	25.84	276	237185	39.35	ng	#	84
87) Benzo(b)fluoranthene	24.46	252	330878m	44.92	ng		
88) Benzo(k)fluoranthene	24.48	252	247967m	40.57	ng		
89) Benzo(a)pyrene	24.74	252	261110	41.83	ng	#	88
90) Dibenzo(a,h)anthracene	25.85	278	205038	42.51	ng	#	74
91) Benzo(g,h,i)perylene	26.14	276	191359	41.57	ng	#	73

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

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