Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081834.D
Acq On : 26 Sep 2015 18:26
Operator : UM/IZ
Sample : G3779-01MS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1-18MS

Quant Time: Sep 28 08:05:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	110906	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	439788	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	208785	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	373446	20.00	ng		0.00
75) Chrysene-d12	14.12	240	286689	20.00	ng		0.00
86) Perylene-d12	15.59	264	301882	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	761351	116.14	ng		0.00
7) Phenol-d6	6.57	99	1050105	126.64	ng		0.00
23) Nitrobenzene-d5	7.51	82	627309	94.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	265376	146.40	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1032959	81.22	ng		-0.01
78) Terphenyl-d14	13.06	244	977015	77.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	109724	33.81	ng		90
3) Pyridine	3.38	79	328769	35.92	ng		89
4) n-Nitrosodimethylamine	3.35	42	163342	37.81	ng		99
6) Aniline	6.61	93	223171	17.98	ng		93
8) 2-Chlorophenol	6.72	128	306388	42.42	ng	#	82
9) Benzaldehyde	6.49	77	80810	16.48	ng		93
10) Phenol	6.58	94	466701	48.46	ng		71
11) bis(2-Chloroethyl)ether	6.67	93	286887	40.62	ng		95
12) 1,3-Dichlorobenzene	6.88	146	369826	43.26	ng	#	94
13) 1,4-Dichlorobenzene	6.96	146	383387	44.33	ng	#	96
14) 1,2-Dichlorobenzene	7.11	146	327045m	40.64	ng		
15) Benzyl Alcohol	7.09	79	280968	42.96	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.22	45	506075	41.88	ng		86
17) 2-Methylphenol	7.19	107	259195	42.48	ng	#	83
18) Hexachloroethane	7.45	117	119135	42.30	ng	#	86
19) n-Nitroso-di-n-propylamine	7.36	70	234554	42.43	ng	#	78
20) 3+4-Methylphenols	7.35	107	350087	45.67	ng	#	70
22) Acetophenone	7.35	105	431128	44.70	ng	#	72
24) Nitrobenzene	7.53	77	374314	50.34	ng	#	77
25) Isophorone	7.77	82	618784	41.91	ng	#	96
26) 2-Nitrophenol	7.84	139	154502	57.20	ng	#	53
27) 2,4-Dimethylphenol	7.87	122	283522	42.34	ng	#	80
28) bis(2-Chloroethoxy)methane	7.98	93	387009	44.87	ng	#	93
29) 2,4-Dichlorophenol	8.08	162	287420	46.10	ng		95
30) 1,2,4-Trichlorobenzene	8.17	180	315647	45.11	ng		98
31) Naphthalene	8.25	128	1027166	50.63	ng		97
32) Benzoic acid	7.92	122	4967m	3.81	ng		
33) 4-Chloroaniline	8.30	127	108407	12.17	ng	#	92
34) Hexachlorobutadiene	8.37	225	184580	44.72	ng		99
35) Caprolactam	8.67	113	91430m	54.89	ng		
36) 4-Chloro-3-methylphenol	8.78	107	280267	44.86	ng	#	82
37) 2-Methylnaphthalene	8.94	142	625382	43.26	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	317684	47.67	ng	#	98
40) Hexachlorocyclopentadiene	9.09	237	85499	29.94	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	217014	49.43	ng		98
43) 2,4,5-Trichlorophenol	9.26	196	219963	50.92	ng	#	96
45) 1,1'-Biphenyl	9.41	154	723764	44.34	ng		94
46) 2-Chloronaphthalene	9.43	162	559523	42.61	ng	#	93
47) 2-Nitroaniline	9.53	65	205563	58.86	ng		88
48) Acenaphthylene	9.85	152	1014535	45.65	ng		96
49) Dimethylphthalate	9.71	163	1031005	64.90	ng	#	98
50) 2,6-Dinitrotoluene	9.77	165	155674	50.76	ng	#	68
51) Acenaphthene	10.02	154	613678	47.91	ng		88
52) 3-Nitroaniline	9.94	138	91680	27.57	ng		97
53) 2,4-Dinitrophenol	10.03	184	13537	43.85	ng	#	1
54) Dibenzofuran	10.19	168	926292	49.30	ng	#	92
55) 4-Nitrophenol	10.09	139	241034	105.09	ng	#	47
56) 2,4-Dinitrotoluene	10.17	165	193090	52.59	ng	#	77
57) Fluorene	10.54	166	709774	49.23	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.31	232	190879	57.89	ng		93
59) Diethylphthalate	10.41	149	695682	45.21	ng		96
60) 4-Chlorophenyl-phenylether	10.53	204	297616	44.97	ng		89
61) 4-Nitroaniline	10.55	138	139864	43.29	ng	#	45
62) Azobenzene	10.69	77	678517	43.13	ng		94
64) 4,6-Dinitro-2-methylphenol	10.57	198	26697	38.39	ng	#	68
65) n-Nitrosodiphenylamine	10.64	169	567126	45.03	ng		91
66) 4-Bromophenyl-phenylether	11.02	248	196469	47.25	ng		97
67) Hexachlorobenzene	11.07	284	201344	46.41	ng	#	85
68) Atrazine	11.18	200	195905	52.03	ng		85
69) Pentachlorophenol	11.27	266	213767	88.49	ng		98
70) Phenanthrene	11.50	178	1389103m	65.06	ng		
71) Anthracene	11.55	178	1117094	54.30	ng		97
72) Carbazole	11.70	167	830475	43.48	ng		94
73) Di-n-butylphthalate	12.03	149	1014788	43.65	ng	#	99
74) Fluoranthene	12.69	202	1324395	61.56	ng		92
76) Benzidine	12.81	184	374572	38.50	ng	#	98
77) Pyrene	12.92	202	1297705	60.04	ng	#	94
79) Butylbenzylphthalate	13.53	149	346600	40.24	ng		89
80) Benzo(a)anthracene	14.10	228	1004902	57.81	ng		94
81) 3,3'-Dichlorobenzidine	14.07	252	160598	29.08	ng	#	93
82) Chrysene	14.15	228	898869	53.91	ng		94
83) Bis(2-ethylhexyl)phthalate	14.09	149	480260	45.98	ng	#	94
84) Di-n-octyl phthalate	14.71	149	772851	50.32	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.06	276	871381	57.09	ng	#	85
87) Benzo(b)fluoranthene	15.16	252	1237128m	69.11	ng		
88) Benzo(k)fluoranthene	15.19	252	633047m	36.71	ng		
89) Benzo(a)pyrene	15.53	252	932637	57.70	ng	#	84
90) Dibenzo(a,h)anthracene	17.08	278	654285	38.85	ng	#	81
91) Benzo(g,h,i)perylene	17.51	276	715757	41.22	ng	#	74

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

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