Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082437.D
Acq On : 22 Oct 2015 7:59
Operator : UM/IZ
Sample : G4117-01MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-AC-03(0-2)MSD

Quant Time: Oct 22 13:32:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	95053	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	353594	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	169255	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	268678	20.00	ng		0.00
75) Chrysene-d12	14.00	240	234526	20.00	ng		-0.01
86) Perylene-d12	15.52	264	225115	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	504625	107.15	ng		0.01
7) Phenol-d6	6.42	99	636463	103.85	ng		0.00
23) Nitrobenzene-d5	7.35	82	398319	75.65	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	103409	65.15	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	770533	75.50	ng		0.00
78) Terphenyl-d14	12.89	244	491413	55.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	68718	29.04	ng		98
4) n-Nitrosodimethylamine	3.01	42	73381	31.44	ng		100
6) Aniline	6.43	93	43926	5.56	ng	#	1
8) 2-Chlorophenol	6.56	128	198326	34.49	ng		96
9) Benzaldehyde	6.32	77	90999	29.07	ng		93
10) Phenol	6.43	94	259212	36.68	ng		94
11) bis(2-Chloroethyl)ether	6.51	93	202374	33.87	ng		99
12) 1,3-Dichlorobenzene	6.71	146	224796	33.57	ng		98
13) 1,4-Dichlorobenzene	6.79	146	235581	33.69	ng		99
14) 1,2-Dichlorobenzene	6.94	146	208128	31.35	ng		98
15) Benzyl Alcohol	6.93	79	165958	39.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	263477	31.66	ng		71
17) 2-Methylphenol	7.04	107	154092	33.89	ng		97
18) Hexachloroethane	7.28	117	67211	28.08	ng		93
19) n-Nitroso-di-n-propylamine	7.19	70	129469	30.08	ng	#	85
20) 3+4-Methylphenols	7.20	107	194159	35.84	ng	#	65
22) Acetophenone	7.19	105	272746	38.99	ng	#	88
24) Nitrobenzene	7.36	77	192701	33.81	ng		100
25) Isophorone	7.60	82	361053	33.98	ng		100
26) 2-Nitrophenol	7.68	139	100837	35.43	ng		92
27) 2,4-Dimethylphenol	7.73	122	172332	37.59	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	239203	38.69	ng		98
29) 2,4-Dichlorophenol	7.93	162	160289	34.97	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	176408	33.39	ng		97
31) Naphthalene	8.08	128	527193	34.39	ng		99
32) Benzoic acid	7.84	122	69654	22.64	ng		98
33) 4-Chloroaniline	8.14	127	81015	12.73	ng	#	95
34) Hexachlorobutadiene	8.19	225	106189	32.26	ng		98
35) Caprolactam	8.50	113	37965	28.54	ng	#	76
36) 4-Chloro-3-methylphenol	8.63	107	164807	36.77	ng		98
37) 2-Methylnaphthalene	8.78	142	381393	35.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	169639	33.70	ng		97
40) Hexachlorocyclopentadiene	8.93	237	11543	12.37	ng		96
42) 2,4,6-Trichlorophenol	9.06	196	112523	33.65	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	111897	30.89	ng		95
45) 1,1'-Biphenyl	9.25	154	435789	33.76	ng		94
46) 2-Chloronaphthalene	9.27	162	352421	34.69	ng		100
47) 2-Nitroaniline	9.37	65	100637	36.08	ng	#	71
48) Acenaphthylene	9.68	152	547371	34.58	ng		99
49) Dimethylphthalate	9.54	163	538062	45.14	ng		100
50) 2,6-Dinitrotoluene	9.61	165	85122	33.85	ng	#	85
51) Acenaphthene	9.85	154	322976	33.99	ng		99
52) 3-Nitroaniline	9.78	138	67071	23.61	ng		99
53) 2,4-Dinitrophenol	9.90	184	10870	13.51	ng		96
54) Dibenzofuran	10.02	168	468935	35.95	ng		99
55) 4-Nitrophenol	9.95	139	90155	53.06	ng		84
56) 2,4-Dinitrotoluene	10.01	165	95950	30.53	ng	#	80
57) Fluorene	10.37	166	361454	33.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	85593	28.92	ng		96
59) Diethylphthalate	10.24	149	366683	33.01	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	167346	34.10	ng		97
61) 4-Nitroaniline	10.40	138	74041	26.87	ng		93
62) Azobenzene	10.51	77	345384	31.76	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	11827	7.84	ng		74
65) n-Nitrosodiphenylamine	10.48	169	268419	33.37	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	90755	33.75	ng	#	90
67) Hexachlorobenzene	10.91	284	99487	34.21	ng	#	92
68) Atrazine	11.01	200	62559	24.55	ng		97
69) Pentachlorophenol	11.11	266	82375	55.05	ng		99
70) Phenanthrene	11.33	178	450197	34.18	ng		99
71) Anthracene	11.38	178	462932	34.11	ng		99
72) Carbazole	11.54	167	404770	32.70	ng		97
73) Di-n-butylphthalate	11.88	149	560767	36.72	ng	#	97
74) Fluoranthene	12.52	202	414364	29.29	ng		96
77) Pyrene	12.76	202	427637	30.73	ng		97
79) Butylbenzylphthalate	13.38	149	199540	31.42	ng	#	86
80) Benzo(a)anthracene	13.99	228	379908	31.13	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	74325	16.05	ng	#	99
82) Chrysene	14.02	228	362411	28.19	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	278521	30.74	ng	#	96
84) Di-n-octyl phthalate	14.66	149	496800	31.92	ng		100
85) Indeno(1,2,3-cd)pyrene	16.93	276	329211	32.21	ng		97
87) Benzo(b)fluoranthene	15.11	252	434951	31.76	ng		99
88) Benzo(k)fluoranthene	15.14	252	329776m	28.65	ng		
89) Benzo(a)pyrene	15.46	252	361407	30.70	ng		99
90) Dibenzo(a,h)anthracene	16.94	278	297970	30.89	ng		99
91) Benzo(g,h,i)perylene	17.35	276	253795	27.08	ng		98

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

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