Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082436.D
Acq On : 22 Oct 2015 7:30
Operator : UM/IZ
Sample : G4117-01MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Oct 22 13:28:21 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	96381	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	358819	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	166349	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	262092	20.00	ng		0.00
75) Chrysene-d12	13.98	240	222945	20.00	ng		-0.03
86) Perylene-d12	15.49	264	230193	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	591960	123.96	ng		0.01
7) Phenol-d6	6.42	99	776886	125.01	ng		0.00
23) Nitrobenzene-d5	7.35	82	498776	93.35	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	133092	85.31	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	913041	91.02	ng		0.00
78) Terphenyl-d14	12.89	244	596642	70.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	87970	36.66	ng		99
4) n-Nitrosodimethylamine	3.02	42	104847	44.30	ng		99
6) Aniline	6.45	93	91397	11.41	ng	#	1
8) 2-Chlorophenol	6.56	128	270014	46.32	ng		91
9) Benzaldehyde	6.32	77	123514	38.92	ng		95
10) Phenol	6.43	94	271907	37.95	ng		88
11) bis(2-Chloroethyl)ether	6.51	93	246833	40.74	ng		96
12) 1,3-Dichlorobenzene	6.71	146	290431	42.78	ng		99
13) 1,4-Dichlorobenzene	6.79	146	302841	42.71	ng		99
14) 1,2-Dichlorobenzene	6.94	146	256241	38.06	ng		100
15) Benzyl Alcohol	6.93	79	202859	47.29	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	354265	41.99	ng	#	46
17) 2-Methylphenol	7.05	107	192026	41.65	ng	#	92
18) Hexachloroethane	7.28	117	90744	37.39	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	185113	42.42	ng		95
20) 3+4-Methylphenols	7.20	107	245189	44.63	ng	#	73
22) Acetophenone	7.19	105	345533	48.68	ng	#	90
24) Nitrobenzene	7.37	77	245150	42.39	ng	#	79
25) Isophorone	7.60	82	475985	44.14	ng		99
26) 2-Nitrophenol	7.68	139	131191	45.43	ng	#	88
27) 2,4-Dimethylphenol	7.73	122	203037	43.64	ng		100
28) bis(2-Chloroethoxy)methane	7.82	93	288473	45.97	ng		99
29) 2,4-Dichlorophenol	7.93	162	224063	48.17	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	225056	41.98	ng		98
31) Naphthalene	8.08	128	665422	42.78	ng		99
32) Benzoic acid	7.85	122	95493	30.58	ng		98
33) 4-Chloroaniline	8.15	127	101285	15.68	ng		96
34) Hexachlorobutadiene	8.19	225	140243	41.98	ng		98
35) Caprolactam	8.51	113	49877	36.95	ng		98
36) 4-Chloro-3-methylphenol	8.63	107	201095	44.21	ng		100
37) 2-Methylnaphthalene	8.78	142	490422	45.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	224185	45.31	ng		97
40) Hexachlorocyclopentadiene	8.93	237	25364	17.38	ng		99
42) 2,4,6-Trichlorophenol	9.06	196	149898	45.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	151780	42.64	ng		98
45) 1,1'-Biphenyl	9.25	154	598610	47.19	ng		96
46) 2-Chloronaphthalene	9.27	162	461414	46.21	ng		97
47) 2-Nitroaniline	9.37	65	133420	48.67	ng	#	85
48) Acenaphthylene	9.68	152	665074	42.75	ng		99
49) Dimethylphthalate	9.55	163	760899	64.96	ng		99
50) 2,6-Dinitrotoluene	9.61	165	98361	39.80	ng	#	70
51) Acenaphthene	9.85	154	391056	41.88	ng		99
52) 3-Nitroaniline	9.78	138	86077	30.83	ng		92
53) 2,4-Dinitrophenol	9.90	184	13617	15.47	ng		96
54) Dibenzofuran	10.02	168	560538	43.72	ng		98
55) 4-Nitrophenol	9.97	139	115302	64.73	ng		89
56) 2,4-Dinitrotoluene	10.02	165	127442	41.25	ng		89
57) Fluorene	10.37	166	434880	41.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	114460	39.35	ng		96
59) Diethylphthalate	10.24	149	489776	44.86	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	213171	44.19	ng	#	80
61) 4-Nitroaniline	10.40	138	99716	36.82	ng		98
62) Azobenzene	10.51	77	436507	40.85	ng		97
64) 4,6-Dinitro-2-methylphenol	10.42	198	16071	10.93	ng	#	49
65) n-Nitrosodiphenylamine	10.48	169	337353	42.99	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	118301	45.10	ng	#	89
67) Hexachlorobenzene	10.91	284	127436	44.92	ng	#	89
68) Atrazine	11.02	200	90577	36.43	ng		93
69) Pentachlorophenol	11.11	266	110450	75.67	ng		98
70) Phenanthrene	11.33	178	566927	44.13	ng		100
71) Anthracene	11.38	178	619603	46.80	ng		99
72) Carbazole	11.54	167	515713	42.70	ng		98
73) Di-n-butylphthalate	11.87	149	717302	48.15	ng		98
74) Fluoranthene	12.51	202	538790	39.05	ng		97
77) Pyrene	12.74	202	551609	41.69	ng		99
79) Butylbenzylphthalate	13.37	149	252651	41.84	ng		88
80) Benzo(a)anthracene	13.97	228	508414	43.83	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	108903	24.73	ng		98
82) Chrysene	14.01	228	516521	42.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	374900	43.52	ng		98
84) Di-n-octyl phthalate	14.63	149	646906	43.73	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	477424	49.14	ng		98
87) Benzo(b)fluoranthene	15.08	252	645933m	46.12	ng		
88) Benzo(k)fluoranthene	15.11	252	405437m	34.44	ng		
89) Benzo(a)pyrene	15.43	252	498349	41.41	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	418523	42.43	ng		98
91) Benzo(g,h,i)perylene	17.30	276	365900	38.19	ng		98

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

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