Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083155.D
Acq On : 22 Nov 2015 13:21
Operator : UM/IZ
Sample : G4504-03MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02MS

Quant Time: Nov 23 04:10:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	205722	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	808879	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	410023	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	727395	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	584922	20.00	ng		-0.01
86) Perylene-d12	15.15	264	514417	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	939224	69.02	ng		-0.02
7) Phenol-d6	6.32	99	852468	48.42	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1130349	63.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	410626	97.89	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	1894234	64.42	ng		0.00
78) Terphenyl-d14	12.75	244	1607315	64.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	119639	17.75	ng	#	93
3) Pyridine	2.95	79	148351	8.33	ng		97
4) n-Nitrosodimethylamine	2.78	42	106294	12.95	ng		96
6) Aniline	6.32	93	477310	22.18	ng		91
8) 2-Chlorophenol	6.44	128	502431	34.18	ng		90
9) Benzaldehyde	6.19	77	376741	43.93	ng		98
10) Phenol	6.33	94	355262	16.68	ng		89
11) bis(2-Chloroethyl)ether	6.40	93	578677	38.05	ng		96
12) 1,3-Dichlorobenzene	6.59	146	491356m	29.27	ng		
13) 1,4-Dichlorobenzene	6.67	146	501503m	29.54	ng		
14) 1,2-Dichlorobenzene	6.82	146	492936	31.94	ng		98
15) Benzyl Alcohol	6.81	79	315904	21.47	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.95	45	969254	40.87	ng	#	60
17) 2-Methylphenol	6.94	107	381029	31.32	ng		96
18) Hexachloroethane	7.16	117	176656	29.54	ng	#	88
19) n-Nitroso-di-n-propylamine	7.08	70	454443	37.09	ng		96
20) 3+4-Methylphenols	7.10	107	466216	30.32	ng		96
22) Acetophenone	7.07	105	761499	32.79	ng	#	98
24) Nitrobenzene	7.24	77	674882	35.68	ng		96
25) Isophorone	7.50	82	1145355	34.17	ng		95
26) 2-Nitrophenol	7.56	139	269987	32.33	ng		97
27) 2,4-Dimethylphenol	7.62	122	496840	37.28	ng		93
28) bis(2-Chloroethoxy)methane	7.70	93	657921	33.76	ng		99
29) 2,4-Dichlorophenol	7.82	162	451930	35.66	ng		95
30) 1,2,4-Trichlorobenzene	7.88	180	437113	31.40	ng		95
31) Naphthalene	7.96	128	1453625	33.30	ng		99
32) Benzoic acid	7.74	122	97780	9.44	ng		96
33) 4-Chloroaniline	8.02	127	485386	28.66	ng		96
34) Hexachlorobutadiene	8.09	225	248315	30.18	ng		98
35) Caprolactam	8.51	113	15530	3.82	ng	#	10
36) 4-Chloro-3-methylphenol	8.51	107	490761	33.43	ng	#	87
37) 2-Methylnaphthalene	8.65	142	943146	33.29	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	450631	33.91	ng		98
40) Hexachlorocyclopentadiene	8.81	237	347141	45.94	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	317556	33.36	ng		97
43) 2,4,5-Trichlorophenol	8.98	196	345553	35.51	ng	#	92
45) 1,1'-Biphenyl	9.12	154	1172645	33.60	ng		97
46) 2-Chloronaphthalene	9.14	162	970643	35.41	ng		99
47) 2-Nitroaniline	9.24	65	337346	34.79	ng		95
48) Acenaphthylene	9.55	152	1469930	34.60	ng		100
49) Dimethylphthalate	9.44	163	1157816	36.68	ng	#	98
50) 2,6-Dinitrotoluene	9.48	165	224332	31.67	ng		98
51) Acenaphthene	9.72	154	904360	34.98	ng		100
52) 3-Nitroaniline	9.66	138	117792	15.60	ng	#	79
53) 2,4-Dinitrophenol	9.76	184	230103	56.39	ng		96
54) Dibenzofuran	9.90	168	1293031	35.37	ng		99
55) 4-Nitrophenol	9.85	139	120638	20.83	ng	#	80
56) 2,4-Dinitrotoluene	9.88	165	296166	33.00	ng		97
57) Fluorene	10.24	166	1031198	34.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	284820	35.68	ng		98
59) Diethylphthalate	10.12	149	1051737	33.47	ng		97
60) 4-Chlorophenyl-phenylether	10.23	204	450505	32.56	ng		96
61) 4-Nitroaniline	10.27	138	204597	27.52	ng		96
62) Azobenzene	10.39	77	1298264	36.20	ng		99
64) 4,6-Dinitro-2-methylphenol	10.30	198	161678	32.26	ng		88
65) n-Nitrosodiphenylamine	10.35	169	859790	34.75	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	296909	36.78	ng	#	92
67) Hexachlorobenzene	10.78	284	315074	35.45	ng	#	89
68) Atrazine	10.89	200	252453	35.14	ng		98
69) Pentachlorophenol	10.98	266	387609	66.95	ng		99
70) Phenanthrene	11.19	178	1448560	34.57	ng		99
71) Anthracene	11.24	178	1600735	37.44	ng		99
72) Carbazole	11.40	167	1397616	36.77	ng		99
73) Di-n-butylphthalate	11.75	149	1765404	38.06	ng		99
74) Fluoranthene	12.36	202	1501892	35.02	ng		97
77) Pyrene	12.59	202	1453105	36.36	ng		99
79) Butylbenzylphthalate	13.23	149	769995	40.71	ng		91
80) Benzo(a)anthracene	13.78	228	1300574	35.95	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	160538	12.75	ng	#	97
82) Chrysene	13.82	228	1178450m	35.13	ng		
83) Bis(2-ethylhexyl)phthalate	13.79	149	974548	39.45	ng		98
84) Di-n-octyl phthalate	14.40	149	1626398	38.25	ng		97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1114994	36.54	ng		97
87) Benzo(b)fluoranthene	14.79	252	1337629m	38.06	ng		
88) Benzo(k)fluoranthene	14.81	252	816827m	31.19	ng		
89) Benzo(a)pyrene	15.10	252	1012056	34.88	ng	#	95
90) Dibenzo(a,h)anthracene	16.43	278	939829	35.65	ng		100
91) Benzo(g,h,i)perylene	16.80	276	927637	36.05	ng		99

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

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