Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082405.D
Acq On : 21 Oct 2015 15:40
Operator : UM/IZ
Sample : G4099-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151013MGP208BRV68MSD

Quant Time: Oct 22 09:41:47 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	105677	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	407018	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	216045	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	404160	20.00	ng		0.00
75) Chrysene-d12	14.02	240	344619	20.00	ng		0.01
86) Perylene-d12	15.59	264	280132	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	354392	67.68	ng		0.00
7) Phenol-d6	6.41	99	297020	43.59	ng		-0.01
23) Nitrobenzene-d5	7.35	82	615850	101.61	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	241966	119.42	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1172464	90.00	ng		0.00
78) Terphenyl-d14	12.90	244	1014448	78.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	48104	18.28	ng		94
3) Pyridine	3.06	79	84871	13.87	ng		99
4) n-Nitrosodimethylamine	3.01	42	49898	19.23	ng		97
6) Aniline	6.43	93	229396	26.11	ng		97
8) 2-Chlorophenol	6.56	128	229295	35.87	ng		98
9) Benzaldehyde	6.32	77	126445	36.34	ng		93
10) Phenol	6.42	94	124583	15.86	ng	#	75
11) bis(2-Chloroethyl)ether	6.51	93	284597	42.84	ng		96
12) 1,3-Dichlorobenzene	6.71	146	313205	42.07	ng		98
13) 1,4-Dichlorobenzene	6.79	146	325822	41.91	ng		99
14) 1,2-Dichlorobenzene	6.94	146	286233	38.77	ng		97
15) Benzyl Alcohol	6.93	79	147518	31.36	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	389230	42.07	ng		87
17) 2-Methylphenol	7.04	107	160884	31.83	ng		97
18) Hexachloroethane	7.28	117	109825	41.27	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	205619	42.97	ng		98
20) 3+4-Methylphenols	7.20	107	178610	29.65	ng	#	68
22) Acetophenone	7.19	105	389877	48.42	ng	#	90
24) Nitrobenzene	7.36	77	269157	41.03	ng		99
25) Isophorone	7.60	82	546827	44.70	ng		100
26) 2-Nitrophenol	7.68	139	152571	46.57	ng	#	89
27) 2,4-Dimethylphenol	7.73	122	248996	47.18	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	334264	46.96	ng		99
29) 2,4-Dichlorophenol	7.93	162	237128	44.95	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	259523	42.68	ng		96
31) Naphthalene	8.08	128	788856	44.71	ng		100
32) Benzoic acid	7.83	122	50624	14.29	ng		96
33) 4-Chloroaniline	8.14	127	238056	32.49	ng		96
34) Hexachlorobutadiene	8.19	225	155109	40.93	ng		98
35) Caprolactam	8.51	113	11871	7.75	ng	#	75
36) 4-Chloro-3-methylphenol	8.63	107	224736	43.56	ng	#	82
37) 2-Methylnaphthalene	8.78	142	613404	50.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	267477	41.62	ng		99
40) Hexachlorocyclopentadiene	8.93	237	208942	65.89	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	179161	41.98	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	192249	41.58	ng	#	89
45) 1,1'-Biphenyl	9.25	154	749694	45.51	ng		96
46) 2-Chloronaphthalene	9.27	162	581953	44.87	ng		97
47) 2-Nitroaniline	9.37	65	171529	48.18	ng		87
48) Acenaphthylene	9.68	152	823170	40.74	ng		100
49) Dimethylphthalate	9.55	163	760570	49.99	ng		99
50) 2,6-Dinitrotoluene	9.61	165	139879	43.58	ng	#	62
51) Acenaphthene	9.85	154	495525	40.86	ng		99
52) 3-Nitroaniline	9.78	138	104949	28.94	ng		89
53) 2,4-Dinitrophenol	9.90	184	153157	84.95	ng		95
54) Dibenzofuran	10.02	168	729711	43.82	ng		97
55) 4-Nitrophenol	9.95	139	67029	34.39	ng	#	84
56) 2,4-Dinitrotoluene	10.02	165	205212	51.15	ng		96
57) Fluorene	10.37	166	599760	43.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	164091	43.44	ng		97
59) Diethylphthalate	10.25	149	709835	50.06	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	299406	47.79	ng	#	82
61) 4-Nitroaniline	10.41	138	148681	42.27	ng		89
62) Azobenzene	10.53	77	677291	48.80	ng		89
64) 4,6-Dinitro-2-methylphenol	10.43	198	111579	49.19	ng		91
65) n-Nitrosodiphenylamine	10.49	169	556034	45.95	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	180677	44.67	ng	#	80
67) Hexachlorobenzene	10.91	284	195926	44.79	ng	#	81
68) Atrazine	11.02	200	175794	45.86	ng		99
69) Pentachlorophenol	11.12	266	188735	83.85	ng		99
70) Phenanthrene	11.33	178	950321	47.97	ng		99
71) Anthracene	11.38	178	954374	46.75	ng		99
72) Carbazole	11.54	167	840226	45.12	ng		99
73) Di-n-butylphthalate	11.87	149	1122759	48.87	ng		99
74) Fluoranthene	12.53	202	1020569	47.97	ng		97
76) Benzidine	12.65	184	146478	14.67	ng		99
77) Pyrene	12.75	202	1006017	49.19	ng		99
79) Butylbenzylphthalate	13.41	149	481788	51.62	ng		89
80) Benzo(a)anthracene	14.01	228	794996	44.34	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	213309	31.34	ng		98
82) Chrysene	14.06	228	803388	42.52	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	620989	46.64	ng		99
84) Di-n-octyl phthalate	14.71	149	1077486	47.12	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	624871	41.61	ng		98
87) Benzo(b)fluoranthene	15.18	252	762829	44.76	ng	#	97
88) Benzo(k)fluoranthene	15.20	252	623450m	43.52	ng		
89) Benzo(a)pyrene	15.53	252	664235	45.35	ng	#	96
90) Dibenzo(a,h)anthracene	17.01	278	536294	44.68	ng		98
91) Benzo(g,h,i)perylene	17.42	276	512230	43.93	ng		99

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

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