Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024734.D
Acq On : 7 Nov 2016 18:28
Operator : UM/SJ
Sample : PB94572BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB94572BS

Quant Time: Nov 08 00:02:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	92829	20.00	ng		-0.01
21) Naphthalene-d8	11.09	136	364081	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	287852	20.00	ng		-0.01
63) Phenanthrene-d10	17.62	188	661253	20.00	ng		0.00
75) Chrysene-d12	21.92	240	926541	20.00	ng		-0.01
86) Perylene-d12	25.34	264	932381	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	705180	124.51	ng		0.00
7) Phenol-d6	7.41	99	1022188	131.57	ng		0.00
23) Nitrobenzene-d5	9.44	82	699365	87.46	ng		-0.01
41) 2,4,6-Tribromophenol	16.37	330	595633	138.51	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	1488402	85.94	ng		-0.01
78) Terphenyl-d14	20.20	244	2716066	87.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	77659	33.56	ng		92
3) Pyridine	4.07	79	424381	61.25	ng		88
4) n-Nitrosodimethylamine	3.98	42	144764	40.36	ng		96
6) Aniline	7.58	93	50628	5.14	ng	#	88
8) 2-Chlorophenol	7.82	128	236839	41.13	ng		94
9) Benzaldehyde	7.39	77	40872	8.51	ng		91
10) Phenol	7.43	94	351737	43.92	ng		97
11) bis(2-Chloroethyl)ether	7.67	93	242289	40.27	ng		93
12) 1,3-Dichlorobenzene	8.15	146	263175	36.92	ng		93
13) 1,4-Dichlorobenzene	8.30	146	283929	40.32	ng		94
14) 1,2-Dichlorobenzene	8.62	146	267629	39.53	ng		97
15) Benzyl Alcohol	8.49	79	293590	40.62	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	400346	35.86	ng		91
17) 2-Methylphenol	8.69	107	222087	41.85	ng		97
18) Hexachloroethane	9.35	117	105644	39.03	ng		95
19) n-Nitroso-di-n-propylamine	9.06	70	236764	41.35	ng		98
20) 3+4-Methylphenols	9.02	107	300590	42.19	ng		96
22) Acetophenone	9.09	105	389209	41.62	ng		92
24) Nitrobenzene	9.48	77	344533	38.73	ng		97
25) Isophorone	10.00	82	663483	44.61	ng		99
26) 2-Nitrophenol	10.19	139	135202	40.95	ng		94
27) 2,4-Dimethylphenol	10.23	122	254449	44.02	ng		96
28) bis(2-Chloroethoxy)methane	10.47	93	336951	43.78	ng		97
29) 2,4-Dichlorophenol	10.72	162	276473	45.57	ng		93
30) 1,2,4-Trichlorobenzene	10.94	180	290333	40.34	ng		98
31) Naphthalene	11.14	128	730451	40.22	ng		98
32) Benzoic acid	10.35	122	154500	32.09	ng		91
33) 4-Chloroaniline	11.25	127	25579	3.24	ng	#	87
34) Hexachlorobutadiene	11.41	225	231444	41.09	ng		95
35) Caprolactam	12.02	113	110625	49.80	ng	#	88
36) 4-Chloro-3-methylphenol	12.34	107	313948	42.86	ng		99
37) 2-Methylnaphthalene	12.72	142	546452	41.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	382521	39.40	ng		97
40) Hexachlorocyclopentadiene	13.05	237	482728	88.29	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	248131	42.52	ng		96
43) 2,4,5-Trichlorophenol	13.39	196	266923	42.31	ng		93
45) 1,1'-Biphenyl	13.72	154	784468	39.27	ng		97
46) 2-Chloronaphthalene	13.76	162	615211	40.45	ng		98
47) 2-Nitroaniline	13.96	65	233845	37.55	ng		98
48) Acenaphthylene	14.61	152	919934	39.44	ng		98
49) Dimethylphthalate	14.32	163	848203	41.51	ng		98
50) 2,6-Dinitrotoluene	14.45	165	186248	42.69	ng		91
51) Acenaphthene	14.94	154	619381	35.62	ng		97
52) 3-Nitroaniline	14.79	138	17067	3.78	ng	#	83
53) 2,4-Dinitrophenol	14.98	184	266709	84.37	ng		98
54) Dibenzofuran	15.27	168	1004591	41.79	ng		96
55) 4-Nitrophenol	15.08	139	318704	81.03	ng		93
56) 2,4-Dinitrotoluene	15.23	165	268319	42.33	ng	#	96
57) Fluorene	15.92	166	824387	41.35	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.50	232	299663	45.81	ng	#	90
59) Diethylphthalate	15.67	149	884915	41.30	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	461251	41.23	ng		99
61) 4-Nitroaniline	15.94	138	134666	27.31	ng		89
62) Azobenzene	16.19	77	889696	41.64	ng		95
64) 4,6-Dinitro-2-methylphenol	15.99	198	201148	44.15	ng		98
65) n-Nitrosodiphenylamine	16.12	169	729613	40.36	ng		100
66) 4-Bromophenyl-phenylether	16.80	248	341259	42.51	ng		99
67) Hexachlorobenzene	16.92	284	373063	42.06	ng	#	85
68) Atrazine	17.06	200	350556	45.21	ng		97
69) Pentachlorophenol	17.26	266	498432	85.16	ng		99
70) Phenanthrene	17.66	178	1393562	41.35	ng		98
71) Anthracene	17.75	178	1405337	41.33	ng		99
72) Carbazole	18.02	167	1257654	40.55	ng		97
73) Di-n-butylphthalate	18.55	149	1506221	42.12	ng		97
74) Fluoranthene	19.66	202	1852507	43.48	ng		96
77) Pyrene	20.02	202	1885401	41.63	ng		100
79) Butylbenzylphthalate	20.88	149	607894	32.19	ng		95
80) Benzo(a)anthracene	21.89	228	2079971	40.86	ng		98
82) Chrysene	21.96	228	1940798	40.03	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	1085944	40.20	ng		98
84) Di-n-octyl phthalate	23.03	149	1853052	41.34	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.27	276	2648990	39.59	ng		99
87) Benzo(b)fluoranthene	24.24	252	2157532	42.81	ng	#	97
88) Benzo(k)fluoranthene	24.32	252	2073243	42.60	ng	#	96
89) Benzo(a)pyrene	25.18	252	2022917	41.08	ng	#	97
90) Dibenzo(a,h)anthracene	29.34	278	2205272	40.80	ng		96
91) Benzo(g,h,i)perylene	30.53	276	2167461	40.14	ng		99

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

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