Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030530.D
Acq On : 28 Oct 2017 16:42
Operator : SJ/JU
Sample : PB103686BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB103686BS

Quant Time: Oct 30 06:45:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74619	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	329760	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	219880	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	525452	20.00	ng		-0.01
75) Chrysene-d12	21.80	240	556629	20.00	ng		0.00
86) Perylene-d12	25.11	264	570402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	599896	134.30	ng		0.00
7) Phenol-d6	7.32	99	794950	126.79	ng		0.00
23) Nitrobenzene-d5	9.33	82	453521	87.40	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	406614	143.23	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1265711	84.43	ng		0.00
78) Terphenyl-d14	20.11	244	1944719	79.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	60290	33.267	ng		86
3) Pyridine	3.98	79	168858	31.995	ng		91
4) n-Nitrosodimethylamine	3.89	42	89738	36.375	ng	#	93
6) Aniline	7.48	93	107370	13.830	ng		96
8) 2-Chlorophenol	7.73	128	197102	38.497	ng		92
9) Benzaldehyde	7.30	77	105484	33.449	ng		93
10) Phenol	7.35	94	267658	39.598	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	181020	36.757	ng		93
12) 1,3-Dichlorobenzene	8.05	146	204604	35.595	ng		97
13) 1,4-Dichlorobenzene	8.20	146	204449	34.837	ng		95
14) 1,2-Dichlorobenzene	8.52	146	198250	35.023	ng		97
15) Benzyl Alcohol	8.40	79	183594	41.553	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	292786	35.008	ng		93
17) 2-Methylphenol	8.61	107	184174	41.017	ng		97
18) Hexachloroethane	9.26	117	70764	35.383	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	157947	37.050	ng	#	97
20) 3+4-Methylphenols	8.93	107	258316	40.829	ng		97
22) Acetophenone	8.99	105	289533	36.433	ng	#	94
24) Nitrobenzene	9.38	77	218091	37.379	ng		91
25) Isophorone	9.90	82	445665	41.139	ng	#	93
26) 2-Nitrophenol	10.09	139	118013	42.320	ng		89
27) 2,4-Dimethylphenol	10.14	122	213948	42.405	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	270645	40.743	ng		94
29) 2,4-Dichlorophenol	10.63	162	234623	43.608	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	223013	38.368	ng		94
31) Naphthalene	11.03	128	610508	37.148	ng		98
32) Benzoic acid	10.26	122	118380	28.022	ng	#	81
33) 4-Chloroaniline	11.13	127	75969	10.989	ng		96
34) Hexachlorobutadiene	11.31	225	138698	38.379	ng		96
35) Caprolactam	11.90	113	84818	47.435	ng	#	86
36) 4-Chloro-3-methylphenol	12.25	107	243792	41.199	ng	#	87
37) 2-Methylnaphthalene	12.62	142	482107	40.250	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	272029	33.886	ng		97
40) Hexachlorocyclopentadiene	12.97	237	335005	108.402	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	205088	40.696	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	225054	43.484	ng		96
45) 1,1'-Biphenyl	13.62	154	663157	35.089	ng		99
46) 2-Chloronaphthalene	13.67	162	517078	37.509	ng		97
47) 2-Nitroaniline	13.86	65	161248	42.585	ng	#	83
48) Acenaphthylene	14.51	152	832647	38.593	ng		99
49) Dimethylphthalate	14.23	163	712696	41.543	ng		99
50) 2,6-Dinitrotoluene	14.35	165	159655	44.394	ng	#	82
51) Acenaphthene	14.85	154	505059	35.979	ng		99
52) 3-Nitroaniline	14.68	138	41050	10.578	ng	#	75
53) 2,4-Dinitrophenol	14.89	184	118659	61.582	ng	#	52
54) Dibenzofuran	15.18	168	823465	41.092	ng		99
55) 4-Nitrophenol	14.99	139	254542	79.560	ng	#	80
56) 2,4-Dinitrotoluene	15.14	165	222612	45.726	ng	#	79
57) Fluorene	15.83	166	652039	39.387	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	214376	49.648	ng	#	93
59) Diethylphthalate	15.59	149	704159	41.186	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	373429	42.308	ng		94
61) 4-Nitroaniline	15.84	138	166427	41.765	ng		88
62) Azobenzene	16.11	77	607816	42.158	ng		94
64) 4,6-Dinitro-2-methylphenol	15.90	198	110266	38.058	ng		87
65) n-Nitrosodiphenylamine	16.03	169	606780	38.549	ng		100
66) 4-Bromophenyl-phenylether	16.71	248	246030	40.805	ng		98
67) Hexachlorobenzene	16.83	284	261375	38.270	ng		96
68) Atrazine	16.97	200	238881	42.533	ng		99
69) Pentachlorophenol	17.17	266	301933	76.958	ng		99
70) Phenanthrene	17.57	178	1061579	39.108	ng		97
71) Anthracene	17.65	178	1090807	40.019	ng		98
72) Carbazole	17.92	167	995977	38.038	ng		99
73) Di-n-butylphthalate	18.46	149	1186555	39.402	ng		99
74) Fluoranthene	19.56	202	1308522	41.214	ng		98
76) Benzidine	19.73	184	321811	19.148	ng		97
77) Pyrene	19.92	202	1324088	39.213	ng		96
79) Butylbenzylphthalate	20.79	149	563045	39.139	ng		88
80) Benzo(a)anthracene	21.78	228	1333263	40.796	ng		97
81) 3,3'-Dichlorobenzidine	21.68	252	216177	16.026	ng		95
82) Chrysene	21.84	228	1263376	40.366	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	789992	38.264	ng		100
84) Di-n-octyl phthalate	22.90	149	1334394	37.085	ng		97
85) Indeno(1,2,3-cd)pyrene	28.91	276	1592884	41.369	ng		98
87) Benzo(b)fluoranthene	24.06	252	1352515	41.417	ng		99
88) Benzo(k)fluoranthene	24.12	252	1307885	40.201	ng		97
89) Benzo(a)pyrene	24.95	252	1301867	41.469	ng		99
90) Dibenzo(a,h)anthracene	28.96	278	1327556	41.769	ng		96
91) Benzo(g,h,i)perylene	30.09	276	1320830	44.727	ng		98

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

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