Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031629.D
Acq On : 18 Dec 2017 11:32
Operator : SJ/JU
Sample : PB105101BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105101BSD

Quant Time: Dec 19 07:19:34 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	79415	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	343647	20.00	ng		-0.01
38) Acenaphthene-d10	14.72	164	230802	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	570890	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	626873	20.00	ng		-0.01
86) Perylene-d12	25.02	264	575122	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	459024	102.45	ng		-0.01
7) Phenol-d6	7.27	99	582974	93.73	ng		0.00
23) Nitrobenzene-d5	9.27	82	505276	90.63	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	279011	103.19	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1438872	91.51	ng		0.00
78) Terphenyl-d14	20.06	244	2288319	83.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	63199	29.563	ng	#	79
3) Pyridine	3.90	79	175152	31.119	ng		87
4) n-Nitrosodimethylamine	3.82	42	89000	33.571	ng	#	93
6) Aniline	7.42	93	145558	17.770	ng		93
8) 2-Chlorophenol	7.67	128	229750	45.972	ng		87
9) Benzaldehyde	7.23	77	108251	30.026	ng		85
10) Phenol	7.30	94	283075	44.304	ng		93
11) bis(2-Chloroethyl)ether	7.51	93	197675	37.906	ng		90
12) 1,3-Dichlorobenzene	7.98	146	241722	40.673	ng		95
13) 1,4-Dichlorobenzene	8.13	146	244225	39.540	ng		94
14) 1,2-Dichlorobenzene	8.45	146	233638	39.709	ng		96
15) Benzyl Alcohol	8.34	79	188198	38.680	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.62	45	280991	47.962	ng		91
17) 2-Methylphenol	8.55	107	196155	45.037	ng		95
18) Hexachloroethane	9.18	117	84046	40.367	ng		97
19) n-Nitroso-di-n-propylamine	8.90	70	156724	32.014	ng	#	96
20) 3+4-Methylphenols	8.88	107	266744	41.112	ng		95
22) Acetophenone	8.92	105	335718	40.722	ng	#	91
24) Nitrobenzene	9.31	77	239485	41.918	ng		89
25) Isophorone	9.83	82	440728	41.828	ng	#	91
26) 2-Nitrophenol	10.02	139	133991	47.430	ng	#	87
27) 2,4-Dimethylphenol	10.08	122	223426	52.062	ng		93
28) bis(2-Chloroethoxy)methane	10.30	93	283432	41.666	ng		94
29) 2,4-Dichlorophenol	10.57	162	261042	51.629	ng		92
30) 1,2,4-Trichlorobenzene	10.77	180	283671	43.922	ng		96
31) Naphthalene	10.96	128	679006	40.220	ng		99
32) Benzoic acid	10.27	122	66081	31.701	ng	#	76
33) 4-Chloroaniline	11.08	127	58552	7.988	ng	#	90
34) Hexachlorobutadiene	11.24	225	184406	43.045	ng		97
35) Caprolactam	11.85	113	88170m	44.409	ng		
36) 4-Chloro-3-methylphenol	12.20	107	251346	43.550	ng	#	86
37) 2-Methylnaphthalene	12.56	142	542591	41.509	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	373188	41.372	ng	#	96
40) Hexachlorocyclopentadiene	12.90	237	243022	78.852	ng		93

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	220274	47.796	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	237828	47.907	ng	#	95
45) 1,1'-Biphenyl	13.56	154	762437	40.220	ng		96
46) 2-Chloronaphthalene	13.61	162	600755	43.299	ng		96
47) 2-Nitroaniline	13.81	65	156601	40.166	ng	#	76
48) Acenaphthylene	14.45	152	881581	39.488	ng		98
49) Dimethylphthalate	14.18	163	789606	41.323	ng		99
50) 2,6-Dinitrotoluene	14.30	165	180196	44.120	ng	#	74
51) Acenaphthene	14.79	154	558457	39.561	ng		98
52) 3-Nitroaniline	14.64	138	77084	18.515	ng	#	74
53) 2,4-Dinitrophenol	14.86	184	128456	75.891	ng	#	50
54) Dibenzofuran	15.12	168	919801	40.832	ng		100
55) 4-Nitrophenol	14.96	139	232275	82.452	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	255368	44.022	ng	#	73
57) Fluorene	15.77	166	741489	41.081	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	235716	50.515	ng	#	87
59) Diethylphthalate	15.53	149	763221	39.848	ng		96
60) 4-Chlorophenyl-phenylether	15.75	204	446365	40.421	ng		93
61) 4-Nitroaniline	15.80	138	176886	40.485	ng		90
62) Azobenzene	16.04	77	594836	37.491	ng		93
64) 4,6-Dinitro-2-methylphenol	15.86	198	126210	37.698	ng	#	76
65) n-Nitrosodiphenylamine	15.97	169	693893	41.525	ng		100
66) 4-Bromophenyl-phenylether	16.64	248	298638	44.986	ng		97
67) Hexachlorobenzene	16.78	284	304421	44.408	ng		94
68) Atrazine	16.91	200	293993	48.117	ng		98
69) Pentachlorophenol	17.12	266	217930	67.118	ng		99
70) Phenanthrene	17.51	178	1234690	41.411	ng		97
71) Anthracene	17.60	178	1271911	43.134	ng		99
72) Carbazole	17.87	167	1164848	43.652	ng		99
73) Di-n-butylphthalate	18.41	149	1289073	41.831	ng		100
74) Fluoranthene	19.51	202	1600644	42.898	ng		95
76) Benzidine	19.69	184	427899	29.331	ng		98
77) Pyrene	19.87	202	1638641	42.069	ng		96
79) Butylbenzylphthalate	20.73	149	626039	45.815	ng	#	84
80) Benzo(a)anthracene	21.72	228	1617822	42.757	ng		97
81) 3,3'-Dichlorobenzidine	21.63	252	382522	29.048	ng	#	97
82) Chrysene	21.78	228	1549229	42.710	ng		96
83) Bis(2-ethylhexyl)phthalate	21.59	149	864283	43.963	ng		99
84) Di-n-octyl phthalate	22.81	149	1403733	43.287	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.79	276	1599864	41.270	ng		97
87) Benzo(b)fluoranthene	23.97	252	1553299	45.175	ng		98
88) Benzo(k)fluoranthene	24.04	252	1482323	42.245	ng		97
89) Benzo(a)pyrene	24.86	252	1459655	44.751	ng		99
90) Dibenzo(a,h)anthracene	28.82	278	1331095	42.676	ng		97
91) Benzo(g,h,i)perylene	29.96	276	1334076	43.505	ng		95

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

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