Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030525.D
Acq On : 28 Oct 2017 13:23
Operator : SJ/JU
Sample : PB103627BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103627BS

Manual Integrations APPROVED
Sohil
10/30/2017 6:26:11 PM

Quant Time: Oct 30 07:05:04 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	8.16	152	72506	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	329802	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	226274	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	557364	20.00	ng		0.00
75) Chrysene-d12	21.80	240	588920	20.00	ng		0.00
86) Perylene-d12	25.10	264	595726	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	591629	136.31	ng		0.00
7) Phenol-d6	7.32	99	786270	129.06	ng		0.00
23) Nitrobenzene-d5	9.33	82	450426	86.79	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	416726	142.64	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1237694	80.22	ng		0.00
78) Terphenyl-d14	20.11	244	2016551	77.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	67303	38.219	ng		85
3) Pyridine	3.98	79	187230	36.510	ng		90
4) n-Nitrosodimethylamine	3.90	42	93031	38.809	ng	#	91
6) Aniline	7.48	93	233186	30.910	ng		93
8) 2-Chlorophenol	7.73	128	210175	42.247	ng		94
9) Benzaldehyde	7.29	77	117574	38.370	ng		93
10) Phenol	7.35	94	281045	42.790	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	193601	40.458	ng		93
12) 1,3-Dichlorobenzene	8.05	146	216569	38.774	ng		96
13) 1,4-Dichlorobenzene	8.20	146	221515	38.845	ng		94
14) 1,2-Dichlorobenzene	8.52	146	212428	38.621	ng		98
15) Benzyl Alcohol	8.40	79	195408	45.515	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	312408	38.442	ng		94
17) 2-Methylphenol	8.60	107	192860	44.203	ng		96
18) Hexachloroethane	9.26	117	77104	39.676	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	165347	39.916	ng	#	95
20) 3+4-Methylphenols	8.93	107	271760	44.205	ng		94
22) Acetophenone	8.99	105	304985	38.372	ng	#	93
24) Nitrobenzene	9.37	77	231426	39.660	ng		95
25) Isophorone	9.90	82	471178	43.489	ng	#	94
26) 2-Nitrophenol	10.09	139	124061	44.483	ng		89
27) 2,4-Dimethylphenol	10.14	122	223797	44.352	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	284922	42.887	ng		97
29) 2,4-Dichlorophenol	10.63	162	242039	44.981	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	235762	40.556	ng		99
31) Naphthalene	11.03	128	644542	39.214	ng		98
32) Benzoic acid	10.28	122	142434	33.712	ng		85
33) 4-Chloroaniline	11.13	127	173494	25.093	ng		97
34) Hexachlorobutadiene	11.31	225	147712	40.868	ng		98
35) Caprolactam	11.91	113	93630m	52.357	ng		
36) 4-Chloro-3-methylphenol	12.25	107	260318	43.986	ng	#	88
37) 2-Methylnaphthalene	12.63	142	512765	42.804	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	283887	34.363	ng		99
40) Hexachlorocyclopentadiene	12.97	237	343946	108.161	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	219081	42.244	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	237351	44.565	ng		97
45) 1,1'-Biphenyl	13.62	154	699188	35.950	ng		97
46) 2-Chloronaphthalene	13.67	162	547731	38.610	ng		97
47) 2-Nitroaniline	13.86	65	175722	45.096	ng		89
48) Acenaphthylene	14.51	152	881622	39.709	ng		99
49) Dimethylphthalate	14.23	163	760329	43.067	ng		99
50) 2,6-Dinitrotoluene	14.35	165	168930	45.645	ng	#	83
51) Acenaphthene	14.85	154	540150	37.392	ng		99
52) 3-Nitroaniline	14.69	138	115493	28.920	ng	#	81
53) 2,4-Dinitrophenol	14.90	184	179590	87.448	ng	#	52
54) Dibenzofuran	15.18	168	878943	42.621	ng		98
55) 4-Nitrophenol	14.99	139	284724	86.479	ng	#	80
56) 2,4-Dinitrotoluene	15.14	165	242257	48.355	ng	#	76
57) Fluorene	15.83	166	688499	40.415	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	232680	52.364	ng		94
59) Diethylphthalate	15.58	149	768834	43.698	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	397645	43.779	ng		94
61) 4-Nitroaniline	15.84	138	187632	45.756	ng		86
62) Azobenzene	16.11	77	655191	44.160	ng		96
64) 4,6-Dinitro-2-methylphenol	15.91	198	135275	43.234	ng		83
65) n-Nitrosodiphenylamine	16.02	169	659420	39.495	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	267386	41.807	ng		98
67) Hexachlorobenzene	16.84	284	283585	39.145	ng		96
68) Atrazine	16.97	200	262052	43.987	ng		97
69) Pentachlorophenol	17.18	266	342430	82.283	ng		99
70) Phenanthrene	17.56	178	1168783	40.592	ng		97
71) Anthracene	17.66	178	1191679	41.217	ng		99
72) Carbazole	17.92	167	1110539	39.985	ng		98
73) Di-n-butylphthalate	18.46	149	1308900	40.976	ng		99
74) Fluoranthene	19.56	202	1433111	42.553	ng		97
76) Benzidine	19.73	184	528665	29.731	ng		98
77) Pyrene	19.92	202	1460753	40.889	ng		96
79) Butylbenzylphthalate	20.79	149	626087	41.135	ng		90
80) Benzo(a)anthracene	21.78	228	1486766	42.999	ng		97
81) 3,3'-Dichlorobenzidine	21.68	252	396704	27.797	ng		100
82) Chrysene	21.85	228	1394526	42.114	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	869111	39.788	ng		99
84) Di-n-octyl phthalate	22.90	149	1482363	38.939	ng		97
85) Indeno(1,2,3-cd)pyrene	28.90	276	1776993	43.620	ng	#	92
87) Benzo(b)fluoranthene	24.06	252	1526902	44.770	ng		98
88) Benzo(k)fluoranthene	24.13	252	1433312	42.183	ng		96
89) Benzo(a)pyrene	24.96	252	1456953	44.436	ng		100
90) Dibenzo(a,h)anthracene	28.97	278	1486633	44.786	ng		98
91) Benzo(g,h,i)perylene	30.10	276	1475656	47.846	ng		97

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

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