Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031487.D
Acq On : 12 Dec 2017 11:59
Operator : SJ/JU
Sample : PB104888BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104888BS

Manual Integrations APPROVED
Sohil
12/13/2017 12:03:22 PM

Quant Time: Dec 13 06:15:31 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	8.11	152	52305	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	219789	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	148957	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	418022	20.00	ng		0.00
75) Chrysene-d12	21.75	240	478514	20.00	ng		0.00
86) Perylene-d12	25.03	264	477073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	343587	116.44	ng		0.00
7) Phenol-d6	7.28	99	445782	108.82	ng		0.00
23) Nitrobenzene-d5	9.28	82	377784	105.94	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	216654	124.15	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	1051875	103.66	ng		0.00
78) Terphenyl-d14	20.07	244	1967793	93.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	55563	39.463	ng		86
3) Pyridine	3.92	79	153987	41.539	ng		88
4) n-Nitrosodimethylamine	3.83	42	74862	42.874	ng	#	95
6) Aniline	7.43	93	131614	24.396	ng		92
8) 2-Chlorophenol	7.68	128	173201	52.620	ng		88
9) Benzaldehyde	7.25	77	47312	19.925	ng		95
10) Phenol	7.31	94	222814	52.947	ng		92
11) bis(2-Chloroethyl)ether	7.52	93	150437	43.799	ng		91
12) 1,3-Dichlorobenzene	8.00	146	178544	45.613	ng		97
13) 1,4-Dichlorobenzene	8.15	146	181657	44.654	ng		95
14) 1,2-Dichlorobenzene	8.46	146	172437	44.497	ng		96
15) Benzyl Alcohol	8.35	79	144995	45.247	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	226806	58.778	ng		93
17) 2-Methylphenol	8.56	107	145562	50.743	ng		96
18) Hexachloroethane	9.19	117	62519	45.591	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	121206	37.591	ng	#	96
20) 3+4-Methylphenols	8.89	107	198849	46.532	ng		96
22) Acetophenone	8.93	105	233606	44.305	ng	#	94
24) Nitrobenzene	9.32	77	184676	50.541	ng		90
25) Isophorone	9.84	82	342106	50.765	ng	#	93
26) 2-Nitrophenol	10.03	139	96100	53.187	ng	#	87
27) 2,4-Dimethylphenol	10.09	122	166565	60.685	ng		94
28) bis(2-Chloroethoxy)methane	10.31	93	213237	49.012	ng		97
29) 2,4-Dichlorophenol	10.58	162	187355	57.936	ng		91
30) 1,2,4-Trichlorobenzene	10.78	180	200665	48.578	ng		97
31) Naphthalene	10.97	128	515176	47.712	ng		99
32) Benzoic acid	10.26	122	66848	43.231	ng		84
33) 4-Chloroaniline	11.10	127	57022	12.163	ng		93
34) Hexachlorobutadiene	11.25	225	127885	46.674	ng		95
35) Caprolactam	11.85	113	69754m	54.933	ng		
36) 4-Chloro-3-methylphenol	12.21	107	190965	51.734	ng		86
37) 2-Methylnaphthalene	12.57	142	404343	48.365	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	243481	41.824	ng		97
40) Hexachlorocyclopentadiene	12.91	237	193324	90.633	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	165690	55.707	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	179824	56.126	ng	#	93
45) 1,1'-Biphenyl	13.57	154	532840	43.553	ng		99
46) 2-Chloronaphthalene	13.62	162	440825	49.229	ng		97
47) 2-Nitroaniline	13.82	65	129191	51.343	ng	#	83
48) Acenaphthylene	14.46	152	682036	47.336	ng		99
49) Dimethylphthalate	14.18	163	603449	48.933	ng		99
50) 2,6-Dinitrotoluene	14.31	165	137479	52.156	ng	#	77
51) Acenaphthene	14.80	154	418247	45.908	ng		96
52) 3-Nitroaniline	14.64	138	60458	22.500	ng	#	80
53) 2,4-Dinitrophenol	14.86	184	111423	98.884	ng	#	51
54) Dibenzofuran	15.13	168	705132	48.502	ng		100
55) 4-Nitrophenol	14.97	139	210664	114.433	ng	#	83
56) 2,4-Dinitrotoluene	15.10	165	205354	54.850	ng	#	72
57) Fluorene	15.78	166	576635	49.501	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	182934	60.744	ng		91
59) Diethylphthalate	15.53	149	618327	50.021	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	336056	47.152	ng		94
61) 4-Nitroaniline	15.81	138	151189	53.617	ng		90
62) Azobenzene	16.05	77	503716	49.192	ng		95
64) 4,6-Dinitro-2-methylphenol	15.87	198	103176	41.517	ng		80
65) n-Nitrosodiphenylamine	15.98	169	547202	44.722	ng		100
66) 4-Bromophenyl-phenylether	16.65	248	225811	46.455	ng		99
67) Hexachlorobenzene	16.78	284	233016	46.423	ng		98
68) Atrazine	16.92	200	243514	54.430	ng		98
69) Pentachlorophenol	17.13	266	202253	83.555	ng		98
70) Phenanthrene	17.52	178	1037959	47.544	ng		98
71) Anthracene	17.61	178	1068583	49.490	ng		99
72) Carbazole	17.88	167	1019394	52.171	ng		99
73) Di-n-butylphthalate	18.42	149	1190912	52.778	ng		99
74) Fluoranthene	19.52	202	1421784	52.039	ng		97
76) Benzidine	19.69	184	410761	36.886	ng		97
77) Pyrene	19.88	202	1461667	49.160	ng		96
79) Butylbenzylphthalate	20.74	149	566699	54.330	ng		88
80) Benzo(a)anthracene	21.72	228	1435797	49.712	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	284453	28.298	ng		99
82) Chrysene	21.80	228	1373484	49.605	ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	783043	52.180	ng		98
84) Di-n-octyl phthalate	22.82	149	1325852	53.562	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.80	276	1582410	53.476	ng	#	53
87) Benzo(b)fluoranthene	23.99	252	1396911	48.977	ng		98
88) Benzo(k)fluoranthene	24.06	252	1416076	48.651	ng		97
89) Benzo(a)pyrene	24.88	252	1382855	51.110	ng		99
90) Dibenzo(a,h)anthracene	28.85	278	1314604	50.809	ng		97
91) Benzo(g,h,i)perylene	29.99	276	1318635	51.839	ng		99

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

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