Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033966.D
Acq On : 24 Apr 2018 22:36
Operator : SJ/JU
Sample : PB108503BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 25 00:41:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB108503BS

Manual Integrations APPROVED
Sohil
4/25/2018 4:25:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	78446	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	342715	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	221006	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	538446	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	571468	20.00	ng		-0.02
86) Perylene-d12	24.52	264	596877	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	663457	135.03	ng		0.00
7) Phenol-d6	7.01	99	864904	120.68	ng		0.00
23) Nitrobenzene-d5	8.98	82	529806	87.98	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	368795	143.03	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1281906	85.21	ng		-0.02
78) Terphenyl-d14	19.84	244	2066928	81.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	69023	33.244	ng		91
3) Pyridine	3.80	79	206123	34.312	ng		92
4) n-Nitrosodimethylamine	3.72	42	108302	39.572	ng	#	92
6) Aniline	7.16	93	200192	20.897	ng		99
8) 2-Chlorophenol	7.39	128	225021	40.871	ng		94
9) Benzaldehyde	6.98	77	142164	36.847	ng		96
10) Phenol	7.03	94	291085	39.648	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	203757	36.287	ng		98
12) 1,3-Dichlorobenzene	7.72	146	239540	37.795	ng		98
13) 1,4-Dichlorobenzene	7.86	146	241935	37.689	ng		97
14) 1,2-Dichlorobenzene	8.18	146	232831	37.297	ng		96
15) Benzyl Alcohol	8.06	79	216435	34.634	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.35	45	347647	31.743	ng		98
17) 2-Methylphenol	8.26	107	195210	35.880	ng		92
18) Hexachloroethane	8.90	117	88690	37.809	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	185540	30.372	ng		97
20) 3+4-Methylphenols	8.59	107	268019	33.903	ng		94
22) Acetophenone	8.65	105	329506	35.325	ng		96
24) Nitrobenzene	9.02	77	258753	39.430	ng		95
25) Isophorone	9.55	82	482982	35.672	ng	#	95
26) 2-Nitrophenol	9.73	139	121763	46.960	ng		94
27) 2,4-Dimethylphenol	9.79	122	221877	45.749	ng		92
28) bis(2-Chloroethoxy)methane	10.03	93	282229	39.442	ng		97
29) 2,4-Dichlorophenol	10.26	162	238412	44.097	ng		95
30) 1,2,4-Trichlorobenzene	10.47	180	240554	39.725	ng		99
31) Naphthalene	10.66	128	666172	37.799	ng		99
32) Benzoic acid	9.93	122	178820	38.159	ng		90
33) 4-Chloroaniline	10.77	127	117708	14.210	ng		98
34) Hexachlorobutadiene	10.95	225	146333	40.395	ng		99
35) Caprolactam	11.55	113	85891m	37.366	ng		
36) 4-Chloro-3-methylphenol	11.90	107	253881	38.474	ng		92
37) 2-Methylnaphthalene	12.28	142	501966	37.201	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	298074	40.617	ng		97
40) Hexachlorocyclopentadiene	12.63	237	367511	91.077	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	200775	44.871	ng		97
43) 2,4,5-Trichlorophenol	12.95	196	221021	42.967	ng		96
45) 1,1'-Biphenyl	13.29	154	682269	38.136	ng		98
46) 2-Chloronaphthalene	13.33	162	518812	38.246	ng		98
47) 2-Nitroaniline	13.53	65	171167	40.413	ng		89
48) Acenaphthylene	14.18	152	824611	36.570	ng		99
49) Dimethylphthalate	13.92	163	702820	36.152	ng		98
50) 2,6-Dinitrotoluene	14.04	165	155787	42.285	ng	#	80
51) Acenaphthene	14.53	154	510768	36.059	ng		99
52) 3-Nitroaniline	14.36	138	81777	20.442	ng	#	84
53) 2,4-Dinitrophenol	14.57	184	135646	102.952	ng	#	53
54) Dibenzofuran	14.86	168	807376	38.446	ng		96
55) 4-Nitrophenol	14.67	139	292200	93.130	ng		88
56) 2,4-Dinitrotoluene	14.83	165	221852	45.283	ng	#	79
57) Fluorene	15.51	166	677017	37.255	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.09	232	218245	46.337	ng		97
59) Diethylphthalate	15.30	149	717950	34.938	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	365910	38.496	ng		97
61) 4-Nitroaniline	15.53	138	171927	40.477	ng		92
62) Azobenzene	15.80	77	634968	34.664	ng		98
64) 4,6-Dinitro-2-methylphenol	15.59	198	111114	43.551	ng		84
65) n-Nitrosodiphenylamine	15.73	169	599470	38.294	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	235631	39.848	ng		96
67) Hexachlorobenzene	16.51	284	245254	38.891	ng	#	71
68) Atrazine	16.68	200	258371	42.130	ng		99
69) Pentachlorophenol	16.86	266	333729	77.043	ng	#	57
70) Phenanthrene	17.25	178	1099533	38.065	ng		97
71) Anthracene	17.34	178	1119289	38.748	ng		97
72) Carbazole	17.62	167	1050084	37.680	ng		97
73) Di-n-butylphthalate	18.19	149	1255057	36.201	ng		98
74) Fluoranthene	19.27	202	1378665	39.457	ng		96
76) Benzidine	19.46	184	384043	24.887	ng		99
77) Pyrene	19.63	202	1368591	36.513	ng		95
79) Butylbenzylphthalate	20.55	149	600448	36.478	ng		91
80) Benzo(a)anthracene	21.45	228	1390153	38.577	ng		98
81) 3,3'-Dichlorobenzidine	21.37	252	297622	22.151	ng		97
82) Chrysene	21.51	228	1314183	38.191	ng		97
83) Bis(2-ethylhexyl)phthalate	21.40	149	846471	36.413	ng		98
84) Di-n-octyl phthalate	22.56	149	1456958	39.486	ng		99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1642502	41.932	ng	#	94
87) Benzo(b)fluoranthene	23.56	252	1440387	39.557	ng		99
88) Benzo(k)fluoranthene	23.63	252	1392603	38.502	ng		97
89) Benzo(a)pyrene	24.39	252	1397202	40.066	ng		99
90) Dibenzo(a,h)anthracene	28.06	278	1359480	40.288	ng		97
91) Benzo(g,h,i)perylene	29.06	276	1356149	40.844	ng		97

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

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