Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
Data File : BG031291.D
Acq On : 30 Nov 2017 17:15
Operator : SJ/JU
Sample : PB104613BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104613BSD

Manual Integrations APPROVED
Sohil
12/1/2017 3:33:57 PM

Quant Time: Dec 01 04:22:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61380	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	261127	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	172314	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	432395	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	516041	20.00	ng		-0.02
86) Perylene-d12	25.06	264	519467	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	340352	95.08	ng		-0.02
7) Phenol-d6	7.29	99	445142	92.31	ng		-0.01
23) Nitrobenzene-d5	9.30	82	376894	85.53	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	204937	73.52	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1084028	90.39	ng		-0.02
78) Terphenyl-d14	20.09	244	1843295	78.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	55927	38.501	ng		83
3) Pyridine	3.94	79	154192	36.564	ng		87
4) n-Nitrosodimethylamine	3.86	42	73754	36.902	ng	#	81
6) Aniline	7.45	93	146232	23.042	ng		96
8) 2-Chlorophenol	7.69	128	193671	49.028	ng		88
9) Benzaldehyde	7.27	77	87455	25.916	ng		85
10) Phenol	7.32	94	239015	47.726	ng		91
11) bis(2-Chloroethyl)ether	7.54	93	168160	42.054	ng		88
12) 1,3-Dichlorobenzene	8.02	146	200451m	43.251	ng		
13) 1,4-Dichlorobenzene	8.16	146	202972	43.218	ng		96
14) 1,2-Dichlorobenzene	8.49	146	194018	43.041	ng		97
15) Benzyl Alcohol	8.37	79	156177	40.375	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	237728	53.824	ng		92
17) 2-Methylphenol	8.58	107	159498	45.735	ng		98
18) Hexachloroethane	9.22	117	68997	42.211	ng		91
19) n-Nitroso-di-n-propylamine	8.93	70	131773	35.938	ng	#	91
20) 3+4-Methylphenols	8.91	107	220424	44.450	ng		95
22) Acetophenone	8.95	105	256741	39.488	ng	#	91
24) Nitrobenzene	9.34	77	196572	43.668	ng		89
25) Isophorone	9.86	82	364394	42.399	ng	#	91
26) 2-Nitrophenol	10.06	139	112024	47.743	ng	#	87
27) 2,4-Dimethylphenol	10.11	122	181910	52.222	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	232220	42.901	ng		96
29) 2,4-Dichlorophenol	10.60	162	210037	50.213	ng		92
30) 1,2,4-Trichlorobenzene	10.80	180	224049	44.864	ng		96
31) Naphthalene	11.00	128	555983	43.312	ng		98
32) Benzoic acid	10.26	122	75671	28.667	ng	#	82
33) 4-Chloroaniline	11.11	127	83325	14.828	ng		94
34) Hexachlorobutadiene	11.27	225	142552	41.159	ng		94
35) Caprolactam	11.88	113	72330m	42.329	ng		
36) 4-Chloro-3-methylphenol	12.23	107	204515	44.922	ng	#	88
37) 2-Methylnaphthalene	12.59	142	438593	44.259	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	269936	39.470	ng		96
40) Hexachlorocyclopentadiene	12.93	237	240532	93.084	ng		95

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.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	13.19	196	182250	46.615	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	196630	45.967	ng	#	92
45) 1,1'-Biphenyl	13.59	154	570893	39.954	ng		97
46) 2-Chloronaphthalene	13.63	162	474784	46.053	ng		97
47) 2-Nitroaniline	13.84	65	127449	41.709	ng	#	74
48) Acenaphthylene	14.47	152	721626	42.766	ng		98
49) Dimethylphthalate	14.20	163	638201	42.835	ng		100
50) 2,6-Dinitrotoluene	14.33	165	146550	47.722	ng	#	73
51) Acenaphthene	14.82	154	448618	42.571	ng		98
52) 3-Nitroaniline	14.66	138	72507	22.237	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	77415	48.329	ng	#	47
54) Dibenzofuran	15.15	168	741195	44.157	ng		98
55) 4-Nitrophenol	14.99	139	217309	93.557	ng	#	74
56) 2,4-Dinitrotoluene	15.12	165	208602	46.987	ng	#	73
57) Fluorene	15.80	166	592487	43.477	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	198848	48.774	ng	#	90
59) Diethylphthalate	15.55	149	628397	41.522	ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	356836	43.356	ng		93
61) 4-Nitroaniline	15.83	138	150989	43.730	ng		81
62) Azobenzene	16.07	77	494868	42.876	ng		90
64) 4,6-Dinitro-2-methylphenol	15.88	198	88265	30.710	ng		77
65) n-Nitrosodiphenylamine	16.00	169	559588	42.708	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	236251	43.139	ng		97
67) Hexachlorobenzene	16.81	284	240069	41.256	ng		94
68) Atrazine	16.94	200	240603	44.506	ng		97
69) Pentachlorophenol	17.15	266	234072	72.770	ng		98
70) Phenanthrene	17.54	178	1017094	45.177	ng		99
71) Anthracene	17.63	178	1056293	46.824	ng		99
72) Carbazole	17.89	167	988501	46.766	ng		99
73) Di-n-butylphthalate	18.43	149	1135720	43.761	ng		99
74) Fluoranthene	19.54	202	1380929	48.445	ng		98
76) Benzidine	19.71	184	443586	26.760	ng		97
77) Pyrene	19.90	202	1418023	46.308	ng		97
79) Butylbenzylphthalate	20.76	149	558104	45.711	ng		85
80) Benzo(a)anthracene	21.75	228	1448440	45.187	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	325928	25.189	ng	#	99
82) Chrysene	21.82	228	1357241	45.773	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	782180	44.381	ng		99
84) Di-n-octyl phthalate	22.85	149	1332377	46.448	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1597925	44.329	ng		98
87) Benzo(b)fluoranthene	24.02	252	1447511	46.066	ng		99
88) Benzo(k)fluoranthene	24.09	252	1422048	45.658	ng		98
89) Benzo(a)pyrene	24.92	252	1410425	47.249	ng		98
90) Dibenzo(a,h)anthracene	28.90	278	1344164	44.055	ng		98
91) Benzo(g,h,i)perylene	30.04	276	1342313	45.329	ng		97

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

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