Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\
Data File : BG028962.D
Acq On : 28 Sep 2017 16:18
Operator : SJ/JU
Sample : PB102674BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102674BSD

Manual Integrations APPROVED
Sohil
9/29/2017 6:03:06 PM

Quant Time: Sep 29 05:38:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	33610	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	138229	20.00	ng		-0.05
38) Acenaphthene-d10	14.89	164	97591	20.00	ng		-0.05
63) Phenanthrene-d10	17.64	188	255736	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	317392	20.00	ng		-0.06
86) Perylene-d12	25.42	264	324289	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	178494	87.63	ng		-0.06
7) Phenol-d6	7.43	99	255002	83.15	ng		-0.06
23) Nitrobenzene-d5	9.45	82	239844	83.00	ng		-0.06
41) 2,4,6-Tribromophenol	16.39	330	136521	84.58	ng		-0.05
44) 2-Fluorobiphenyl	13.51	172	605054	82.67	ng		-0.05
78) Terphenyl-d14	20.23	244	1216466	81.73	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	27255	33.042	ng		94
3) Pyridine	4.17	79	80363	34.154	ng		93
4) n-Nitrosodimethylamine	4.08	42	41874	39.122	ng	#	73
6) Aniline	7.60	93	110239	30.886	ng		95
8) 2-Chlorophenol	7.84	128	93470	41.164	ng		93
9) Benzaldehyde	7.43	77	20947	11.009	ng		94
10) Phenol	7.46	94	136550	42.189	ng		88
11) bis(2-Chloroethyl)ether	7.68	93	90398	38.903	ng		94
12) 1,3-Dichlorobenzene	8.17	146	98330	40.216	ng		91
13) 1,4-Dichlorobenzene	8.31	146	100789	40.088	ng		96
14) 1,2-Dichlorobenzene	8.64	146	95693	38.525	ng		96
15) Benzyl Alcohol	8.52	79	88696	37.048	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.80	45	161914	38.339	ng		97
17) 2-Methylphenol	8.71	107	88279	41.740	ng		92
18) Hexachloroethane	9.37	117	37791	41.010	ng		97
19) n-Nitroso-di-n-propylamine	9.08	70	80739	37.138	ng		89
20) 3+4-Methylphenols	9.05	107	122840	41.524	ng		94
22) Acetophenone	9.11	105	147853	36.582	ng	#	86
24) Nitrobenzene	9.49	77	125886	39.343	ng	#	89
25) Isophorone	10.01	82	217716	37.237	ng		98
26) 2-Nitrophenol	10.21	139	51215	37.609	ng		94
27) 2,4-Dimethylphenol	10.25	122	101545	40.794	ng		98
28) bis(2-Chloroethoxy)methane	10.48	93	125022	39.376	ng		97
29) 2,4-Dichlorophenol	10.75	162	103149	41.648	ng		93
30) 1,2,4-Trichlorobenzene	10.96	180	113655	40.226	ng		96
31) Naphthalene	11.15	128	294830	40.838	ng		99
32) Benzoic acid	10.41	122	47952	29.772	ng	#	78
33) 4-Chloroaniline	11.26	127	49074	16.226	ng	#	95
34) Hexachlorobutadiene	11.42	225	79998	38.441	ng		97
35) Caprolactam	12.03	113	36603m	41.213	ng		
36) 4-Chloro-3-methylphenol	12.37	107	119249	36.997	ng		97
37) 2-Methylnaphthalene	12.73	142	225773	41.887	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	145574	36.279	ng		97
40) Hexachlorocyclopentadiene	13.07	237	145132	91.858	ng		95

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Quant Time: Sep 29 05:38:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	96097	37.733	ng		90
43) 2,4,5-Trichlorophenol	13.43	196	105767	41.330	ng	#	93
45) 1,1'-Biphenyl	13.72	154	303708	37.587	ng		96
46) 2-Chloronaphthalene	13.78	162	238330	40.439	ng		97
47) 2-Nitroaniline	13.98	65	91191	41.634	ng		93
48) Acenaphthylene	14.62	152	378992	40.251	ng		95
49) Dimethylphthalate	14.34	163	330167	40.345	ng		97
50) 2,6-Dinitrotoluene	14.47	165	74139	40.715	ng	#	79
51) Acenaphthene	14.96	154	228820	40.006	ng		97
52) 3-Nitroaniline	14.81	138	46173	28.674	ng		83
53) 2,4-Dinitrophenol	15.02	184	59848	64.137	ng		94
54) Dibenzofuran	15.29	168	394464	43.247	ng		94
55) 4-Nitrophenol	15.12	139	98884	83.816	ng	#	79
56) 2,4-Dinitrotoluene	15.26	165	108967	42.559	ng	#	91
57) Fluorene	15.94	166	332907	40.882	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.52	232	103453	45.868	ng	#	94
59) Diethylphthalate	15.69	149	341411	40.597	ng		97
60) 4-Chlorophenyl-phenylether	15.92	204	192855	41.591	ng		92
61) 4-Nitroaniline	15.98	138	74006	43.381	ng	#	86
62) Azobenzene	16.22	77	313660	44.347	ng		92
64) 4,6-Dinitro-2-methylphenol	16.03	198	62939	38.141	ng		98
65) n-Nitrosodiphenylamine	16.14	169	293272	40.004	ng		97
66) 4-Bromophenyl-phenylether	16.82	248	135281	41.111	ng		93
67) Hexachlorobenzene	16.95	284	139331	37.202	ng	#	87
68) Atrazine	17.09	200	128159	40.715	ng		97
69) Pentachlorophenol	17.30	266	131036	77.437	ng		98
70) Phenanthrene	17.69	178	555390m	42.468	ng		
71) Anthracene	17.78	178	559637	42.362	ng		96
72) Carbazole	18.05	167	515917	43.361	ng	#	93
73) Di-n-butylphthalate	18.58	149	595720	40.834	ng	#	95
74) Fluoranthene	19.69	202	721280	45.170	ng		92
76) Benzidine	19.86	184	384990	46.775	ng		97
77) Pyrene	20.05	202	740149	40.429	ng		96
79) Butylbenzylphthalate	20.92	149	297663	40.259	ng		93
80) Benzo(a)anthracene	21.94	228	800594	41.905	ng		94
81) 3,3'-Dichlorobenzidine	21.85	252	201276	25.985	ng		98
82) Chrysene	22.02	228	758268	41.830	ng		94
83) Bis(2-ethylhexyl)phthalate	21.80	149	420088	39.965	ng		98
84) Di-n-octyl phthalate	23.08	149	727542	39.615	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.39	276	967010	41.519	ng	#	99
87) Benzo(b)fluoranthene	24.32	252	813251	41.858	ng		99
88) Benzo(k)fluoranthene	24.39	252	803640	41.410	ng		95
89) Benzo(a)pyrene	25.26	252	788066	42.733	ng		98
90) Dibenzo(a,h)anthracene	29.45	278	800250	41.622	ng		99
91) Benzo(g,h,i)perylene	30.65	276	788779	42.046	ng		95

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

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