Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031170.D
Acq On : 22 Nov 2017 2:51
Operator : SJ/JU
Sample : PB104448BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104448BS

Manual Integrations APPROVED
Sohil
11/22/2017 4:35:26 PM

Quant Time: Nov 22 16:17:36 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	61586	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	262066	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	168869	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	440015	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	532294	20.00	ng		0.00
86) Perylene-d12	25.08	264	536144	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	247183	68.82	ng		-0.01
7) Phenol-d6	7.30	99	325030	67.17	ng		0.00
23) Nitrobenzene-d5	9.30	82	276205	62.45	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	141108	51.65	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	785136	66.81	ng		-0.01
78) Terphenyl-d14	20.09	244	1358310	56.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	41675	28.594	ng		86
3) Pyridine	3.95	79	124410	29.403	ng		85
4) n-Nitrosodimethylamine	3.86	42	60695	30.267	ng	#	92
6) Aniline	7.46	93	76978	12.089	ng		91
8) 2-Chlorophenol	7.70	128	144381	36.428	ng		89
9) Benzaldehyde	7.27	77	35618	10.519	ng		87
10) Phenol	7.33	94	180834	35.988	ng		92
11) bis(2-Chloroethyl)ether	7.54	93	127781	31.849	ng		89
12) 1,3-Dichlorobenzene	8.02	146	156177m	33.585	ng		
13) 1,4-Dichlorobenzene	8.17	146	157969	33.523	ng		94
14) 1,2-Dichlorobenzene	8.49	146	149559	33.067	ng		99
15) Benzyl Alcohol	8.37	79	120010	30.921	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.66	45	189784	42.825	ng		92
17) 2-Methylphenol	8.58	107	123272	35.229	ng		97
18) Hexachloroethane	9.23	117	54096	32.984	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	101234	27.517	ng	#	95
20) 3+4-Methylphenols	8.92	107	170064	34.180	ng		95
22) Acetophenone	8.96	105	204161	31.288	ng	#	90
24) Nitrobenzene	9.35	77	150510	33.316	ng	#	87
25) Isophorone	9.87	82	282361	32.737	ng	#	93
26) 2-Nitrophenol	10.06	139	82924	35.215	ng	#	87
27) 2,4-Dimethylphenol	10.12	122	139940	40.029	ng		94
28) bis(2-Chloroethoxy)methane	10.34	93	181690	33.446	ng		98
29) 2,4-Dichlorophenol	10.61	162	159523	38.000	ng		93
30) 1,2,4-Trichlorobenzene	10.81	180	171308	34.180	ng		97
31) Naphthalene	11.00	128	429344	33.327	ng		99
32) Benzoic acid	10.27	122	65719	25.570	ng	#	79
33) 4-Chloroaniline	11.12	127	62919	11.157	ng		95
34) Hexachlorobutadiene	11.28	225	112033	32.231	ng		96
35) Caprolactam	11.88	113	53376m	31.125	ng		
36) 4-Chloro-3-methylphenol	12.23	107	153351	33.563	ng	#	84
37) 2-Methylnaphthalene	12.60	142	339520	34.139	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	213564	31.864	ng		96
40) Hexachlorocyclopentadiene	12.94	237	156229	65.287	ng		90

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	138699	36.200	ng		100
43) 2,4,5-Trichlorophenol	13.29	196	143941	34.336	ng		93
45) 1,1'-Biphenyl	13.60	154	454000	32.421	ng		97
46) 2-Chloronaphthalene	13.64	162	365138	36.140	ng		95
47) 2-Nitroaniline	13.84	65	99578	33.252	ng	#	82
48) Acenaphthylene	14.48	152	558552	33.777	ng		98
49) Dimethylphthalate	14.21	163	485464	33.249	ng		99
50) 2,6-Dinitrotoluene	14.33	165	105599	35.089	ng	#	80
51) Acenaphthene	14.82	154	340088	32.930	ng		99
52) 3-Nitroaniline	14.67	138	49564	15.510	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	127634	77.302	ng	#	44
54) Dibenzofuran	15.15	168	575098	34.960	ng		99
55) 4-Nitrophenol	14.99	139	153489	67.429	ng	#	78
56) 2,4-Dinitrotoluene	15.12	165	156267	35.917	ng	#	72
57) Fluorene	15.81	166	455578	34.113	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	143394	35.890	ng	#	88
59) Diethylphthalate	15.56	149	477384	32.187	ng		96
60) 4-Chlorophenyl-phenylether	15.79	204	273463	33.904	ng		91
61) 4-Nitroaniline	15.83	138	112978	33.388	ng		87
62) Azobenzene	16.08	77	385544	34.085	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	93179	31.859	ng		79
65) n-Nitrosodiphenylamine	16.00	169	426596	31.994	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	176702	31.707	ng		98
67) Hexachlorobenzene	16.81	284	181611	30.669	ng		95
68) Atrazine	16.95	200	165481	30.080	ng		98
69) Pentachlorophenol	17.16	266	172439	52.681	ng		98
70) Phenanthrene	17.54	178	791340	34.541	ng		99
71) Anthracene	17.63	178	811475	35.349	ng		99
72) Carbazole	17.90	167	752177	34.969	ng		100
73) Di-n-butylphthalate	18.44	149	864788	32.744	ng		99
74) Fluoranthene	19.54	202	1062841	36.640	ng		97
76) Benzidine	19.72	184	429989	25.148	ng		99
77) Pyrene	19.91	202	1087671	34.435	ng		98
79) Butylbenzylphthalate	20.76	149	430935	34.218	ng		87
80) Benzo(a)anthracene	21.75	228	1131775	34.230	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	322892	24.193	ng		98
82) Chrysene	21.82	228	1056658	34.548	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	609666	33.536	ng		100
84) Di-n-octyl phthalate	22.86	149	1053833	35.616	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1214595	32.666	ng	#	79
87) Benzo(b)fluoranthene	24.03	252	1108272	34.173	ng		98
88) Benzo(k)fluoranthene	24.10	252	1098746	34.180	ng		98
89) Benzo(a)pyrene	24.92	252	1082042	35.121	ng		98
90) Dibenzo(a,h)anthracene	28.92	278	1019410	32.372	ng		99
91) Benzo(g,h,i)perylene	30.05	276	989231	32.366	ng		98

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

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