Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031171.D
Acq On : 22 Nov 2017 3:29
Operator : SJ/JU
Sample : PB104448BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104448BSD

Manual Integrations APPROVED
Sohil
11/22/2017 4:35:28 PM

Quant Time: Nov 22 15:26:43 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	8.14	152	60035	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	263179	20.00	ng		-0.02
38) Acenaphthene-d10	14.76	164	177677	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	442039	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	498047	20.00	ng		-0.01
86) Perylene-d12	25.07	264	497153	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	312525	89.27	ng		-0.01
7) Phenol-d6	7.31	99	408963	86.71	ng		0.00
23) Nitrobenzene-d5	9.30	82	358515	80.72	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	190015	66.11	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1026868	83.04	ng		-0.02
78) Terphenyl-d14	20.09	244	1624963	72.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	49757	35.021	ng	#	81
3) Pyridine	3.95	79	155553	37.713	ng		90
4) n-Nitrosodimethylamine	3.86	42	71064	36.353	ng	#	88
6) Aniline	7.45	93	209603	33.767	ng		93
8) 2-Chlorophenol	7.71	128	186222	48.199	ng		89
9) Benzaldehyde	7.27	77	48524	14.701	ng		83
10) Phenol	7.34	94	240013	48.999	ng		93
11) bis(2-Chloroethyl)ether	7.55	93	164156	41.972	ng		89
12) 1,3-Dichlorobenzene	8.02	146	189217	41.742	ng		95
13) 1,4-Dichlorobenzene	8.17	146	195271	42.510	ng		95
14) 1,2-Dichlorobenzene	8.49	146	185200	42.005	ng		96
15) Benzyl Alcohol	8.38	79	160214	42.347	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	239618	55.467	ng		90
17) 2-Methylphenol	8.59	107	159778	46.842	ng		97
18) Hexachloroethane	9.22	117	66267	41.449	ng		93
19) n-Nitroso-di-n-propylamine	8.94	70	131945	36.791	ng	#	92
20) 3+4-Methylphenols	8.92	107	222558	45.886	ng		94
22) Acetophenone	8.96	105	259501	39.601	ng	#	92
24) Nitrobenzene	9.35	77	194869	42.952	ng		91
25) Isophorone	9.87	82	368736	42.570	ng	#	92
26) 2-Nitrophenol	10.06	139	109468	46.290	ng	#	89
27) 2,4-Dimethylphenol	10.12	122	182779	52.062	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	237895	43.607	ng		97
29) 2,4-Dichlorophenol	10.60	162	209399	49.670	ng		92
30) 1,2,4-Trichlorobenzene	10.81	180	222210	44.148	ng		97
31) Naphthalene	11.00	128	554070	42.826	ng		99
32) Benzoic acid	10.29	122	98947	35.509	ng	#	80
33) 4-Chloroaniline	11.11	127	145351	25.664	ng		94
34) Hexachlorobutadiene	11.28	225	144256	41.326	ng		95
35) Caprolactam	11.88	113	68327m	39.675	ng		
36) 4-Chloro-3-methylphenol	12.24	107	206012	44.898	ng	#	85
37) 2-Methylnaphthalene	12.59	142	447689	44.825	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	277424	39.340	ng		97
40) Hexachlorocyclopentadiene	12.94	237	230487	87.258	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	186761	46.327	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	198853	45.083	ng	#	93
45) 1,1'-Biphenyl	13.59	154	594247	40.333	ng		96
46) 2-Chloronaphthalene	13.64	162	481033	45.251	ng		96
47) 2-Nitroaniline	13.85	65	132141	41.939	ng	#	82
48) Acenaphthylene	14.48	152	735325	42.263	ng		99
49) Dimethylphthalate	14.20	163	634874	41.326	ng		100
50) 2,6-Dinitrotoluene	14.33	165	144623	45.673	ng	#	75
51) Acenaphthene	14.82	154	454673	41.843	ng		98
52) 3-Nitroaniline	14.67	138	101003	30.041	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	176011	99.495	ng	#	46
54) Dibenzofuran	15.16	168	745003	43.044	ng		100
55) 4-Nitrophenol	14.99	139	202781	84.667	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	207789	45.392	ng	#	73
57) Fluorene	15.80	166	596944	42.482	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	188507	44.842	ng	#	90
59) Diethylphthalate	15.56	149	632182	40.511	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	354552	41.779	ng		91
61) 4-Nitroaniline	15.83	138	150896	42.384	ng		86
62) Azobenzene	16.08	77	505445	42.470	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	124967	42.532	ng		76
65) n-Nitrosodiphenylamine	16.00	169	557207	41.599	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	235006	41.976	ng		98
67) Hexachlorobenzene	16.81	284	238328	40.063	ng		95
68) Atrazine	16.94	200	208212	37.674	ng		98
69) Pentachlorophenol	17.15	266	241118	73.325	ng		99
70) Phenanthrene	17.54	178	1007353	43.768	ng		99
71) Anthracene	17.64	178	1033243	44.803	ng		99
72) Carbazole	17.90	167	944933	43.729	ng		99
73) Di-n-butylphthalate	18.44	149	1090784	41.112	ng		100
74) Fluoranthene	19.54	202	1297436	44.523	ng		98
76) Benzidine	19.72	184	812480	50.785	ng		98
77) Pyrene	19.90	202	1320549	44.683	ng		96
79) Butylbenzylphthalate	20.76	149	520397	44.162	ng		86
80) Benzo(a)anthracene	21.75	228	1336168	43.191	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	438500	35.114	ng		97
82) Chrysene	21.82	228	1263350	44.146	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	734248	43.166	ng		100
84) Di-n-octyl phthalate	22.85	149	1262845	45.614	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1478026	42.484	ng		98
87) Benzo(b)fluoranthene	24.02	252	1366907	45.453	ng		98
88) Benzo(k)fluoranthene	24.09	252	1293327	43.388	ng		97
89) Benzo(a)pyrene	24.92	252	1303925	45.642	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1226276	41.995	ng		96
91) Benzo(g,h,i)perylene	30.06	276	1203148	42.453	ng		98

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

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