Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
Data File : BG023391.D
Acq On : 1 Aug 2016 21:18
Operator : UM/SJ
Sample : PB92598BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92598BS

Manual Integrations APPROVED
sohil
8/2/2016 5:10:52 PM

Quant Time: Aug 02 12:44:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	94033	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	518309	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	426231	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1200698	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1123213	20.00	ng		0.00
86) Perylene-d12	25.24	264	1087821	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	918777	164.47	ng		0.00
7) Phenol-d6	7.28	99	1434188	164.83	ng		0.00
23) Nitrobenzene-d5	9.30	82	889437	85.31	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	857886	137.61	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2056701	81.39	ng		0.00
78) Terphenyl-d14	20.15	244	3392512	97.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	73946	31.07	ng	#	85
3) Pyridine	3.92	79	263548	33.70	ng	#	95
4) n-Nitrosodimethylamine	3.84	42	118811	40.97	ng	#	75
6) Aniline	7.44	93	459246	36.53	ng		95
8) 2-Chlorophenol	7.68	128	357365	55.68	ng		97
9) Benzaldehyde	7.25	77	203357	41.45	ng		91
10) Phenol	7.31	94	546470	58.71	ng	#	79
11) bis(2-Chloroethyl)ether	7.53	93	332997	44.85	ng		96
12) 1,3-Dichlorobenzene	8.01	146	304931	41.50	ng		93
13) 1,4-Dichlorobenzene	8.16	146	313944	41.74	ng		93
14) 1,2-Dichlorobenzene	8.48	146	299005	40.52	ng		95
15) Benzyl Alcohol	8.36	79	400190	60.70	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	474562	43.46	ng		91
17) 2-Methylphenol	8.57	107	367544	58.90	ng	#	88
18) Hexachloroethane	9.21	117	117717	41.58	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	362724	48.47	ng		95
20) 3+4-Methylphenols	8.90	107	524148	59.58	ng		91
22) Acetophenone	8.95	105	523748	36.91	ng	#	90
24) Nitrobenzene	9.34	77	510109	44.18	ng	#	90
25) Isophorone	9.86	82	992022	45.68	ng	#	95
26) 2-Nitrophenol	10.06	139	216371	44.41	ng	#	72
27) 2,4-Dimethylphenol	10.11	122	423089	51.00	ng		83
28) bis(2-Chloroethoxy)methane	10.34	93	570073	43.67	ng		98
29) 2,4-Dichlorophenol	10.60	162	440574	52.81	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	361337	40.16	ng		92
31) Naphthalene	11.00	128	1130370	42.83	ng		99
32) Benzoic acid	10.24	122	233914	32.96	ng		92
33) 4-Chloroaniline	11.12	127	187666	14.87	ng	#	89
34) Hexachlorobutadiene	11.28	225	222611	37.62	ng		93
35) Caprolactam	11.90	113	201685m	57.46	ng		
36) 4-Chloro-3-methylphenol	12.24	107	570939	52.09	ng		90
37) 2-Methylnaphthalene	12.61	142	918411m	45.77	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	443128	28.67	ng		99
40) Hexachlorocyclopentadiene	12.95	237	582296	74.71	ng		98

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Quant Time: Aug 02 12:44:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	402488	43.71	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	436302	46.03	ng		97
45) 1,1'-Biphenyl	13.61	154	1167549	35.83	ng		95
46) 2-Chloronaphthalene	13.66	162	1024289	40.64	ng		97
47) 2-Nitroaniline	13.86	65	473088	45.20	ng		91
48) Acenaphthylene	14.50	152	1692148	42.47	ng		97
49) Dimethylphthalate	14.23	163	1503322	45.97	ng		98
50) 2,6-Dinitrotoluene	14.36	165	362622	46.82	ng	#	81
51) Acenaphthene	14.85	154	1087911	43.10	ng		99
52) 3-Nitroaniline	14.69	138	232003	26.57	ng	#	81
53) 2,4-Dinitrophenol	14.90	184	493704	99.45	ng		87
54) Dibenzofuran	15.19	168	1718321	46.89	ng		96
55) 4-Nitrophenol	15.01	139	672929	98.11	ng	#	81
56) 2,4-Dinitrotoluene	15.15	165	556551	51.20	ng	#	90
57) Fluorene	15.84	166	1466788	45.87	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	458476	52.71	ng		93
59) Diethylphthalate	15.59	149	1609350	48.48	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	757511	44.76	ng		98
61) 4-Nitroaniline	15.87	138	435085	46.79	ng	#	64
62) Azobenzene	16.12	77	1734774	51.55	ng		89
64) 4,6-Dinitro-2-methylphenol	15.91	198	367804	45.05	ng		95
65) n-Nitrosodiphenylamine	16.04	169	1422910	40.40	ng		95
66) 4-Bromophenyl-phenylether	16.72	248	564741	40.35	ng		96
67) Hexachlorobenzene	16.84	284	611584	39.95	ng		98
68) Atrazine	16.99	200	636449	47.06	ng		95
69) Pentachlorophenol	17.19	266	782203	87.63	ng		96
70) Phenanthrene	17.59	178	2506687m	41.14	ng		
71) Anthracene	17.68	178	2547062	41.57	ng		93
72) Carbazole	17.95	167	2508015	46.61	ng		94
73) Di-n-butylphthalate	18.49	149	2777070	52.11	ng	#	94
74) Fluoranthene	19.60	202	3014256	54.41	ng		86
76) Benzidine	19.78	184	1644326	52.66	ng		98
77) Pyrene	19.96	202	3060237	48.87	ng	#	90
79) Butylbenzylphthalate	20.84	149	1305653	48.27	ng		97
80) Benzo(a)anthracene	21.83	228	2613737	42.16	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	581899	22.88	ng	#	97
82) Chrysene	21.91	228	2442456	41.40	ng		94
83) Bis(2-ethylhexyl)phthalate	21.72	149	1574181	42.50	ng	#	98
84) Di-n-octyl phthalate	22.98	149	2577779	40.78	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	3230480	43.83	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2714082	44.34	ng	#	96
88) Benzo(k)fluoranthene	24.23	252	2534353	43.11	ng	#	96
89) Benzo(a)pyrene	25.08	252	2606802	44.78	ng	#	93
90) Dibenzo(a,h)anthracene	29.17	278	2658699	44.71	ng	#	91
91) Benzo(g,h,i)perylene	30.32	276	2661391	44.45	ng	#	89

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

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