Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033607.D
Acq On : 6 Apr 2018 00:11
Operator : SJ/JU
Sample : PB108007BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108007BS

Manual Integrations APPROVED
Sohil
4/6/2018 5:27:59 PM

Quant Time: Apr 06 04:02:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35022	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	156868	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	120600	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	309298	20.00	ng		0.00
75) Chrysene-d12	22.56	240	312051	20.00	ng		0.00
86) Perylene-d12	26.32	264	342999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	329244	176.28	ng		0.00
7) Phenol-d6	7.98	99	513101	159.89	ng		0.00
23) Nitrobenzene-d5	10.06	82	331759	97.17	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	255008	141.38	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	794474	95.10	ng		0.00
78) Terphenyl-d14	20.73	244	1450372	99.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	34362	36.228	ng		90
3) Pyridine	4.38	79	106832	40.745	ng		97
4) n-Nitrosodimethylamine	4.29	42	56205	52.234	ng	#	76
6) Aniline	8.16	93	51446	13.632	ng		96
8) 2-Chlorophenol	8.41	128	119235	55.842	ng		96
9) Benzaldehyde	7.97	77	37630	18.451	ng		93
10) Phenol	8.00	94	177055	55.881	ng		89
11) bis(2-Chloroethyl)ether	8.24	93	111192	42.995	ng		98
12) 1,3-Dichlorobenzene	8.74	146	119725m	42.888	ng		
13) 1,4-Dichlorobenzene	8.90	146	123186	44.063	ng		94
14) 1,2-Dichlorobenzene	9.22	146	125491	45.991	ng		94
15) Benzyl Alcohol	9.10	79	130071	51.480	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.38	45	203257	48.211	ng		87
17) 2-Methylphenol	9.30	107	113248m	52.468	ng		
18) Hexachloroethane	9.98	117	47760	44.263	ng		91
19) n-Nitroso-di-n-propylamine	9.66	70	112263	47.740	ng		96
20) 3+4-Methylphenols	9.64	107	157817	51.353	ng		88
22) Acetophenone	9.70	105	188007	43.746	ng	#	96
24) Nitrobenzene	10.11	77	165547	45.299	ng		94
25) Isophorone	10.62	82	320850	48.418	ng		100
26) 2-Nitrophenol	10.83	139	69083	49.930	ng	#	83
27) 2,4-Dimethylphenol	10.86	122	123906	61.646	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	165901	50.176	ng		97
29) 2,4-Dichlorophenol	11.37	162	134101	54.251	ng		97
30) 1,2,4-Trichlorobenzene	11.60	180	137478	42.807	ng		97
31) Naphthalene	11.79	128	380221	46.774	ng		97
32) Benzoic acid	10.99	122	55903	29.919	ng		89
33) 4-Chloroaniline	11.90	127	29705	8.156	ng	#	92
34) Hexachlorobutadiene	12.05	225	99683	41.045	ng		98
35) Caprolactam	12.64	113	48174	49.747	ng	#	86
36) 4-Chloro-3-methylphenol	12.96	107	170180	52.786	ng		92
37) 2-Methylnaphthalene	13.34	142	297035	47.078	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	190841	43.686	ng		98
40) Hexachlorocyclopentadiene	13.67	237	209088	81.646	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	124330	48.986	ng		95
43) 2,4,5-Trichlorophenol	14.01	196	139309	46.436	ng		99
45) 1,1'-Biphenyl	14.32	154	422859	45.638	ng		97
46) 2-Chloronaphthalene	14.38	162	315767	44.200	ng		98
47) 2-Nitroaniline	14.57	65	131893	49.290	ng		94
48) Acenaphthylene	15.21	152	543285	45.559	ng		98
49) Dimethylphthalate	14.91	163	471013	44.878	ng		100
50) 2,6-Dinitrotoluene	15.04	165	104468	48.680	ng		93
51) Acenaphthene	15.54	154	380291	49.470	ng		96
52) 3-Nitroaniline	15.38	138	35558	15.804	ng	#	89
53) 2,4-Dinitrophenol	15.58	184	86918	78.381	ng	#	77
54) Dibenzofuran	15.87	168	534631	47.083	ng		92
55) 4-Nitrophenol	15.66	139	160788	101.631	ng		85
56) 2,4-Dinitrotoluene	15.82	165	149030	47.164	ng		100
57) Fluorene	16.52	166	454118	46.944	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	140779	49.846	ng		98
59) Diethylphthalate	16.24	149	480280	47.126	ng		99
60) 4-Chlorophenyl-phenylether	16.49	204	249251	44.822	ng		97
61) 4-Nitroaniline	16.53	138	93430	41.007	ng		87
62) Azobenzene	16.78	77	480878	48.710	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	79188	42.797	ng		99
65) n-Nitrosodiphenylamine	16.70	169	418235	47.365	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	165969	45.691	ng	#	91
67) Hexachlorobenzene	17.51	284	169451	44.202	ng		95
68) Atrazine	17.62	200	180347	50.403	ng		97
69) Pentachlorophenol	17.85	266	208967	79.420	ng		99
70) Phenanthrene	18.25	178	765233	47.506	ng		97
71) Anthracene	18.34	178	791566	48.533	ng		100
72) Carbazole	18.60	167	701168	48.514	ng		97
73) Di-n-butylphthalate	19.10	149	843519	50.142	ng	#	98
74) Fluoranthene	20.21	202	960262	48.173	ng		97
76) Benzidine	20.36	184	220369	26.041	ng		100
77) Pyrene	20.56	202	963474	46.294	ng		98
79) Butylbenzylphthalate	21.42	149	379910	49.467	ng		98
80) Benzo(a)anthracene	22.53	228	938510	47.232	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	107148	15.154	ng	#	93
82) Chrysene	22.61	228	893059	46.430	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	525614	49.647	ng		98
84) Di-n-octyl phthalate	23.75	149	912333	56.282	ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	1015988	48.855	ng	#	70
87) Benzo(b)fluoranthene	25.11	252	913856	46.115	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	930660m	46.435	ng		
89) Benzo(a)pyrene	26.15	252	911064	47.874	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	849597	47.395	ng		98
91) Benzo(g,h,i)perylene	32.07	276	854625	48.145	ng	#	94

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

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