Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG033997.D
Acq On : 25 Apr 2018 21:40
Operator : SJ/JU
Sample : PB108595BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 26 07:02:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB108595BS

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	60446	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	291692	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	204777	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	505234	20.00	ng		-0.02
75) Chrysene-d12	21.47	240	540712	20.00	ng		-0.02
86) Perylene-d12	24.52	264	550686	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	528549	139.60	ng		0.00
7) Phenol-d6	7.00	99	722628	130.86	ng		0.00
23) Nitrobenzene-d5	8.98	82	432904	84.46	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	341073	142.77	ng		-0.02
44) 2-Fluorobiphenyl	13.09	172	1163511	83.47	ng		-0.02
78) Terphenyl-d14	19.85	244	1984172	82.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	46961	29.354	ng	#	84
3) Pyridine	3.79	79	141233	30.512	ng		91
4) n-Nitrosodimethylamine	3.71	42	82612	39.174	ng	#	90
6) Aniline	7.16	93	159149	21.560	ng		96
8) 2-Chlorophenol	7.40	128	187089	44.101	ng		92
9) Benzaldehyde	6.97	77	76184	23.045	ng		97
10) Phenol	7.03	94	248076	43.852	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	165338	38.213	ng		93
12) 1,3-Dichlorobenzene	7.72	146	181119	37.087	ng		99
13) 1,4-Dichlorobenzene	7.86	146	184646	37.330	ng		98
14) 1,2-Dichlorobenzene	8.18	146	180350	37.493	ng		96
15) Benzyl Alcohol	8.06	79	187042	38.843	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	282098	33.428	ng		94
17) 2-Methylphenol	8.26	107	169566	40.448	ng		95
18) Hexachloroethane	8.90	117	66825	36.971	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	158742	33.723	ng	#	95
20) 3+4-Methylphenols	8.59	107	240466	39.476	ng		95
22) Acetophenone	8.64	105	282023	35.524	ng	#	96
24) Nitrobenzene	9.02	77	218161	39.060	ng		91
25) Isophorone	9.54	82	426922	37.047	ng	#	94
26) 2-Nitrophenol	9.72	139	108132	48.998	ng		94
27) 2,4-Dimethylphenol	9.79	122	201877	48.906	ng		96
28) bis(2-Chloroethoxy)methane	10.03	93	254493	41.787	ng		96
29) 2,4-Dichlorophenol	10.26	162	215944	46.928	ng		94
30) 1,2,4-Trichlorobenzene	10.47	180	203035	39.394	ng		99
31) Naphthalene	10.66	128	576002	38.400	ng		99
32) Benzoic acid	9.92	122	158820	39.599	ng	#	86
33) 4-Chloroaniline	10.77	127	99511	14.114	ng		95
34) Hexachlorobutadiene	10.95	225	122793	39.826	ng		96
35) Caprolactam	11.54	113	81439m	41.627	ng		
36) 4-Chloro-3-methylphenol	11.90	107	233579	41.589	ng	#	88
37) 2-Methylnaphthalene	12.27	142	456928	39.787	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	273440	40.213	ng		97
40) Hexachlorocyclopentadiene	12.63	237	345908	92.517	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	194123	46.823	ng		97
43) 2,4,5-Trichlorophenol	12.96	196	213870	44.871	ng		98
45) 1,1'-Biphenyl	13.29	154	636890	38.421	ng		100
46) 2-Chloronaphthalene	13.33	162	481301	38.293	ng		98
47) 2-Nitroaniline	13.53	65	157328	40.089	ng		89
48) Acenaphthylene	14.18	152	776855	37.183	ng		99
49) Dimethylphthalate	13.93	163	671981	37.305	ng		98
50) 2,6-Dinitrotoluene	14.04	165	153562	44.984	ng	#	84
51) Acenaphthene	14.52	154	486015	37.030	ng		98
52) 3-Nitroaniline	14.36	138	79809	21.531	ng	#	82
53) 2,4-Dinitrophenol	14.57	184	101338	83.008	ng	#	60
54) Dibenzofuran	14.86	168	767854	39.462	ng		97
55) 4-Nitrophenol	14.68	139	269547	92.719	ng		87
56) 2,4-Dinitrotoluene	14.82	165	213588	47.052	ng	#	80
57) Fluorene	15.51	166	647785	38.471	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.08	232	208727	47.828	ng		95
59) Diethylphthalate	15.29	149	678405	35.630	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	351530	39.914	ng		95
61) 4-Nitroaniline	15.54	138	160913	40.886	ng		91
62) Azobenzene	15.81	77	594462	35.025	ng		97
64) 4,6-Dinitro-2-methylphenol	15.59	198	94962	40.245	ng		86
65) n-Nitrosodiphenylamine	15.72	169	568954	38.734	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	230494	41.541	ng		98
67) Hexachlorobenzene	16.52	284	238867	40.368	ng		94
68) Atrazine	16.68	200	247546	43.018	ng		99
69) Pentachlorophenol	16.86	266	317938	78.223	ng	#	56
70) Phenanthrene	17.26	178	1046854	38.624	ng		97
71) Anthracene	17.35	178	1076766	39.726	ng		99
72) Carbazole	17.62	167	988671	37.809	ng		96
73) Di-n-butylphthalate	18.20	149	1193248	36.681	ng		99
74) Fluoranthene	19.27	202	1339729	40.863	ng		96
76) Benzidine	19.46	184	450590	30.860	ng		99
77) Pyrene	19.64	202	1325829	37.384	ng		94
79) Butylbenzylphthalate	20.55	149	555363	35.658	ng		91
80) Benzo(a)anthracene	21.45	228	1319410	38.697	ng		97
81) 3,3'-Dichlorobenzidine	21.38	252	268783	21.142	ng		99
82) Chrysene	21.51	228	1240111	38.088	ng		97
83) Bis(2-ethylhexyl)phthalate	21.39	149	776021	35.281	ng		99
84) Di-n-octyl phthalate	22.56	149	1323716	37.916	ng		98
85) Indeno(1,2,3-cd)pyrene	27.99	276	1553835	41.925	ng		98
87) Benzo(b)fluoranthene	23.56	252	1368534	40.736	ng		99
88) Benzo(k)fluoranthene	23.63	252	1281752	38.409	ng		99
89) Benzo(a)pyrene	24.38	252	1318304	40.974	ng		99
90) Dibenzo(a,h)anthracene	28.06	278	1283238	41.219	ng		97
91) Benzo(g,h,i)perylene	29.07	276	1277956	41.717	ng		99

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

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