Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032036.D
Acq On : 15 Jan 2018 17:37
Operator : SJ/JU
Sample : PB105635BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Manual Integrations APPROVED
Sohil
1/16/2018 4:59:40 PM

Quant Time: Jan 16 02:29:01 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	47889	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	203105	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	147353	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	403092	20.00	ng		0.00
75) Chrysene-d12	22.47	240	474812	20.00	ng		-0.01
86) Perylene-d12	26.19	264	517341	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	350466	133.85	ng		0.00
7) Phenol-d6	7.88	99	455019	137.98	ng		0.00
23) Nitrobenzene-d5	9.97	82	262141	87.32	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	332912	136.53	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	942478	79.31	ng		0.00
78) Terphenyl-d14	20.67	244	1837184	85.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	31383	31.198	ng	#	75
3) Pyridine	4.29	79	88470	32.948	ng	#	79
4) n-Nitrosodimethylamine	4.20	42	45038	47.744	ng	#	87
6) Aniline	8.06	93	93457	22.468	ng		96
8) 2-Chlorophenol	8.32	128	130986	44.705	ng		83
9) Benzaldehyde	7.86	77	17374	9.093	ng		88
10) Phenol	7.91	94	150228	46.245	ng		97
11) bis(2-Chloroethyl)ether	8.15	93	102688	39.457	ng	#	81
12) 1,3-Dichlorobenzene	8.65	146	145790m	38.018	ng		
13) 1,4-Dichlorobenzene	8.80	146	149571	38.738	ng		94
14) 1,2-Dichlorobenzene	9.14	146	140361	37.585	ng		91
15) Benzyl Alcohol	9.00	79	113673	47.450	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.30	45	109431	41.374	ng		76
17) 2-Methylphenol	9.20	107	108042	43.520	ng		97
18) Hexachloroethane	9.89	117	48617	40.971	ng	#	86
19) n-Nitroso-di-n-propylamine	9.58	70	87032	42.536	ng	#	85
20) 3+4-Methylphenols	9.53	107	151069	43.926	ng		97
22) Acetophenone	9.61	105	192219	41.664	ng	#	89
24) Nitrobenzene	10.01	77	128062	42.765	ng		91
25) Isophorone	10.53	82	248034	44.371	ng	#	87
26) 2-Nitrophenol	10.73	139	80290m	45.250	ng		
27) 2,4-Dimethylphenol	10.77	122	145152	51.551	ng		91
28) bis(2-Chloroethoxy)methane	11.01	93	150436	44.667	ng		96
29) 2,4-Dichlorophenol	11.28	162	166367	48.018	ng		92
30) 1,2,4-Trichlorobenzene	11.50	180	174947	39.099	ng		99
31) Naphthalene	11.70	128	402535	40.008	ng		99
32) Benzoic acid	10.87	122	76061	35.242	ng		86
33) 4-Chloroaniline	11.79	127	91018	21.096	ng	#	92
34) Hexachlorobutadiene	11.97	225	123491	38.425	ng		97
35) Caprolactam	12.55	113	57748	54.941	ng	#	46
36) 4-Chloro-3-methylphenol	12.87	107	159558	50.313	ng	#	82
37) 2-Methylnaphthalene	13.26	142	340775	42.661	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	250026	38.926	ng	#	97
40) Hexachlorocyclopentadiene	13.59	237	327844	90.622	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	166675	46.183	ng		99
43) 2,4,5-Trichlorophenol	13.92	196	178802	42.802	ng	#	91
45) 1,1'-Biphenyl	14.24	154	499881	39.572	ng		95
46) 2-Chloronaphthalene	14.29	162	381308	38.802	ng		96
47) 2-Nitroaniline	14.48	65	88746	47.173	ng	#	72
48) Acenaphthylene	15.13	152	583904	39.019	ng		100
49) Dimethylphthalate	14.83	163	537270	41.666	ng		98
50) 2,6-Dinitrotoluene	14.96	165	118496	44.273	ng	#	72
51) Acenaphthene	15.47	154	427567	43.210	ng		98
52) 3-Nitroaniline	15.28	138	67091	27.754	ng	#	77
53) 2,4-Dinitrophenol	15.48	184	103466	77.319	ng	#	84
54) Dibenzofuran	15.80	168	622723	42.186	ng		99
55) 4-Nitrophenol	15.57	139	187952	106.689	ng	#	81
56) 2,4-Dinitrotoluene	15.74	165	172440	47.855	ng	#	67
57) Fluorene	16.44	166	506002	41.796	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.01	232	197741	51.169	ng	#	86
59) Diethylphthalate	16.17	149	539132	43.128	ng		96
60) 4-Chlorophenyl-phenylether	16.41	204	317036	42.690	ng		93
61) 4-Nitroaniline	16.44	138	106592	45.967	ng		84
62) Azobenzene	16.71	77	349305	44.644	ng		88
64) 4,6-Dinitro-2-methylphenol	16.49	198	89451	36.026	ng	#	71
65) n-Nitrosodiphenylamine	16.62	169	489924	40.054	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	237803	41.463	ng		96
67) Hexachlorobenzene	17.44	284	236731	37.309	ng	#	89
68) Atrazine	17.55	200	233269	45.349	ng		97
69) Pentachlorophenol	17.77	266	326382	80.474	ng		99
70) Phenanthrene	18.18	178	904600	40.307	ng		99
71) Anthracene	18.27	178	935081	41.775	ng		99
72) Carbazole	18.52	167	814789	41.961	ng		99
73) Di-n-butylphthalate	19.03	149	945761	41.219	ng		99
74) Fluoranthene	20.14	202	1189987	42.349	ng		94
76) Benzidine	20.30	184	425452	35.833	ng		99
77) Pyrene	20.50	202	1193698	39.992	ng		98
79) Butylbenzylphthalate	21.35	149	428669	40.084	ng	#	79
80) Benzo(a)anthracene	22.45	228	1226249	41.527	ng		99
81) 3,3'-Dichlorobenzidine	22.34	252	297665	26.985	ng	#	99
82) Chrysene	22.53	228	1165444	41.097	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	611922	39.020	ng	#	96
84) Di-n-octyl phthalate	23.68	149	1051557	42.219	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.50	276	1472960	42.442	ng	#	87
87) Benzo(b)fluoranthene	25.00	252	1319902	42.209	ng	#	97
88) Benzo(k)fluoranthene	25.08	252	1269820	41.557	ng	#	95
89) Benzo(a)pyrene	26.02	252	1255571	42.446	ng	#	95
90) Dibenzo(a,h)anthracene	30.58	278	1202120	42.172	ng	#	95
91) Benzo(g,h,i)perylene	31.87	276	1241298	42.605	ng	#	92

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

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