Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035449.D
Acq On : 27 Jun 2018 17:37
Operator : JU/SJ
Sample : PB110320BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110320BSD

Manual Integrations APPROVED
Sohil
6/28/2018 2:50:08 PM

Quant Time: Jun 27 18:14:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58903	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	227627	20.00	ng		-0.03
38) Acenaphthene-d10	14.68	164	168520	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	449826	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	472721	20.00	ng		-0.03
86) Perylene-d12	24.91	264	460391	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	472605	135.40	ng		-0.01
7) Phenol-d6	7.22	99	710160	137.85	ng		0.00
23) Nitrobenzene-d5	9.21	82	456133	95.25	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	356719	165.36	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	1092928	84.31	ng		-0.03
78) Terphenyl-d14	20.02	244	1891963	83.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	44817	26.912	ng	#	71
3) Pyridine	3.94	79	138140	30.744	ng	#	75
4) n-Nitrosodimethylamine	3.86	42	63976	33.142	ng	#	75
6) Aniline	7.38	93	231619	34.783	ng		96
8) 2-Chlorophenol	7.62	128	156057	42.655	ng		96
9) Benzaldehyde	7.19	77	82804	20.868	ng		97
10) Phenol	7.25	94	234738	44.031	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	152019	36.738	ng		88
12) 1,3-Dichlorobenzene	7.94	146	168686	38.643	ng		97
13) 1,4-Dichlorobenzene	8.09	146	169502	37.615	ng		99
14) 1,2-Dichlorobenzene	8.40	146	164694	38.910	ng		99
15) Benzyl Alcohol	8.29	79	188569	38.631	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	162447	39.444	ng		78
17) 2-Methylphenol	8.49	107	157862	44.913	ng	#	93
18) Hexachloroethane	9.13	117	61671	38.227	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	147995	33.815	ng	#	84
20) 3+4-Methylphenols	8.82	107	227639	45.184	ng		96
22) Acetophenone	8.87	105	267184	37.892	ng	#	91
24) Nitrobenzene	9.26	77	219625	44.788	ng		97
25) Isophorone	9.78	82	428584	42.390	ng		99
26) 2-Nitrophenol	9.97	139	94236	55.752	ng	#	82
27) 2,4-Dimethylphenol	10.03	122	171070	48.151	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	225894	41.577	ng		98
29) 2,4-Dichlorophenol	10.51	162	192915	49.903	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	201708	43.514	ng		98
31) Naphthalene	10.91	128	485712	41.075	ng		99
32) Benzoic acid	10.18	122	110488	46.429	ng		94
33) 4-Chloroaniline	11.01	127	131146	25.542	ng	#	97
34) Hexachlorobutadiene	11.19	225	152721	42.363	ng		96
35) Caprolactam	11.80	113	66280m	46.392	ng		
36) 4-Chloro-3-methylphenol	12.13	107	236671	49.113	ng		96
37) 2-Methylnaphthalene	12.50	142	396277m	44.202	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	276579	44.062	ng		98
40) Hexachlorocyclopentadiene	12.85	237	352461	89.542	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	187568	49.904	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	201682	48.889	ng		96
45) 1,1'-Biphenyl	13.51	154	551679	40.712	ng		99
46) 2-Chloronaphthalene	13.56	162	437725	42.725	ng		99
47) 2-Nitroaniline	13.76	65	151676	50.136	ng		91
48) Acenaphthylene	14.40	152	724160	42.154	ng		98
49) Dimethylphthalate	14.13	163	609087	41.447	ng	#	99
50) 2,6-Dinitrotoluene	14.25	165	140664	52.468	ng		90
51) Acenaphthene	14.74	154	430547	38.358	ng		97
52) 3-Nitroaniline	14.58	138	103488	39.339	ng	#	93
53) 2,4-Dinitrophenol	14.78	184	141084	130.032	ng	#	66
54) Dibenzofuran	15.07	168	708173	42.127	ng		95
55) 4-Nitrophenol	14.89	139	198968	89.616	ng		88
56) 2,4-Dinitrotoluene	15.04	165	201778	56.658	ng	#	83
57) Fluorene	15.72	166	595263	42.370	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	207960	51.892	ng		92
59) Diethylphthalate	15.49	149	603526	40.254	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	351325	43.854	ng		96
61) 4-Nitroaniline	15.75	138	136965	48.547	ng	#	84
62) Azobenzene	16.01	77	597310	40.655	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	116367	56.660	ng		80
65) n-Nitrosodiphenylamine	15.93	169	531544	39.348	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	243456	44.943	ng		98
67) Hexachlorobenzene	16.72	284	242072	43.905	ng		96
68) Atrazine	16.88	200	242652	42.121	ng		96
69) Pentachlorophenol	17.07	266	272662	73.543	ng		98
70) Phenanthrene	17.46	178	943253	41.280	ng		97
71) Anthracene	17.55	178	974247	42.564	ng		97
72) Carbazole	17.82	167	863744	40.672	ng		99
73) Di-n-butylphthalate	18.37	149	984523	38.895	ng	#	98
74) Fluoranthene	19.47	202	1235667	41.557	ng		95
76) Benzidine	19.64	184	613785	34.900	ng		98
77) Pyrene	19.83	202	1212490	38.907	ng		96
79) Butylbenzylphthalate	20.71	149	459355	40.593	ng	#	93
80) Benzo(a)anthracene	21.67	228	1247506	41.297	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	349272	30.732	ng	#	97
82) Chrysene	21.73	228	1164742	42.112	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	624121	39.033	ng	#	97
84) Di-n-octyl phthalate	22.78	149	1058118	38.572	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1401963	43.280	ng	#	92
87) Benzo(b)fluoranthene	23.88	252	1236549	43.614	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	1175674	42.391	ng	#	98
89) Benzo(a)pyrene	24.76	252	1180585	44.252	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	1147986	43.590	ng	#	96
91) Benzo(g,h,i)perylene	29.73	276	1158030	44.931	ng	#	93

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

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