Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037476.D
Acq On : 23 Oct 2018 14:54
Operator : JU/SJ
Sample : PB114082BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114082BS

Manual Integrations APPROVED
Sohil
10/24/2018 10:55:59 AM

Quant Time: Oct 24 04:51:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	75197	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	353754	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	231020	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	539995	20.00	ng		0.00
76) Chrysene-d12	21.77	240	472138	20.00	ng		0.00
87) Perylene-d12	25.11	264	487926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	665472	147.95	ng		0.00
7) Phenol-d6	7.25	99	934215	137.36	ng		0.00
23) Nitrobenzene-d5	9.29	82	484455	76.72	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	322949	128.17	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1148334	74.96	ng		0.00
79) Terphenyl-d14	20.09	244	1348821	61.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	55326	24.255	ng		96
3) Pyridine	3.93	79	154338	26.846	ng		98
4) n-Nitrosodimethylamine	3.85	42	91973	44.915	ng	#	93
6) Aniline	7.43	93	327479	39.469	ng		98
8) 2-Chlorophenol	7.67	128	242607	46.107	ng		98
9) Benzaldehyde	7.25	77	120289	28.274	ng		93
10) Phenol	7.28	94	320329	44.639	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	223168	40.947	ng		96
12) 1,3-Dichlorobenzene	7.99	146	228163	38.950	ng		98
13) 1,4-Dichlorobenzene	8.14	146	232093	38.734	ng		98
14) 1,2-Dichlorobenzene	8.46	146	228879	39.709	ng		98
15) Benzyl Alcohol	8.35	79	220694	43.915	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	412986	42.349	ng		98
17) 2-Methylphenol	8.54	107	217735	45.895	ng		99
18) Hexachloroethane	9.19	117	81410	39.853	ng		89
19) n-Nitroso-di-n-propylamine	8.92	70	188669	40.284	ng		96
20) 3+4-Methylphenols	8.87	107	303927	44.807	ng		99
22) Acetophenone	8.94	105	356311	40.161	ng	#	99
24) Nitrobenzene	9.33	77	268806	40.975	ng		96
25) Isophorone	9.85	82	534918	46.360	ng		97
26) 2-Nitrophenol	10.04	139	116475	39.412	ng		100
27) 2,4-Dimethylphenol	10.08	122	256483	48.607	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	321169	42.484	ng		98
29) 2,4-Dichlorophenol	10.57	162	253045	43.071	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	251018	39.289	ng		95
31) Naphthalene	10.98	128	737202	42.428	ng		99
32) Benzoic acid	10.23	122	148215	43.246	ng		97
33) 4-Chloroaniline	11.09	127	219901	26.935	ng		97
34) Hexachlorobutadiene	11.24	225	142927	37.745	ng		96
35) Caprolactam	11.88	113	97022m	41.176	ng		
36) 4-Chloro-3-methylphenol	12.19	107	280740	42.371	ng		96
37) 2-Methylnaphthalene	12.58	142	562849	44.438	ng		99
38) 1-Methylnaphthalene	12.79	142	533819	43.398	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	283854	38.093	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	338281	95.037	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	211733	42.531	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	229606	42.361	ng		99
46) 1,1'-Biphenyl	13.58	154	724717	37.879	ng		99
47) 2-Chloronaphthalene	13.62	162	568727	39.292	ng		99
48) 2-Nitroaniline	13.83	65	184011	41.922	ng		96
49) Acenaphthylene	14.47	152	930301	42.726	ng		99
50) Dimethylphthalate	14.19	163	735650	41.162	ng		100
51) 2,6-Dinitrotoluene	14.32	165	163631	41.387	ng		98
52) Acenaphthene	14.81	154	547253	40.810	ng		97
53) 3-Nitroaniline	14.65	138	144815	32.994	ng	#	96
54) 2,4-Dinitrophenol	14.86	184	147304	82.347	ng		98
55) Dibenzofuran	15.14	168	870322	39.173	ng		98
56) 4-Nitrophenol	14.95	139	288070	88.669	ng		99
57) 2,4-Dinitrotoluene	15.10	165	229671	44.254	ng		97
58) Fluorene	15.79	166	706902	42.488	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	200638	43.233	ng		98
60) Diethylphthalate	15.55	149	749506	40.848	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	369205	38.072	ng		98
62) 4-Nitroaniline	15.82	138	186947	42.865	ng		92
63) Azobenzene	16.07	77	714189	40.795	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	112819	41.265	ng		97
66) n-Nitrosodiphenylamine	15.99	169	648096	39.900	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	236290	39.846	ng		99
68) Hexachlorobenzene	16.78	284	235194	38.268	ng		99
69) Atrazine	16.94	200	248161	42.256	ng		99
70) Pentachlorophenol	17.13	266	292008	70.932	ng		98
71) Phenanthrene	17.53	178	1144464	41.701	ng		97
72) Anthracene	17.62	178	1167739	43.358	ng		97
73) Carbazole	17.89	167	1075033	39.904	ng		99
74) Di-n-butylphthalate	18.43	149	1262236	42.118	ng		98
75) Fluoranthene	19.53	202	1330336	42.739	ng		97
77) Benzidine	19.72	184	654472	40.767	ng		99
78) Pyrene	19.90	202	1269621	41.136	ng		98
80) Butylbenzylphthalate	20.77	149	563593	44.618	ng		100
81) Benzo(a)anthracene	21.76	228	1217681	43.603	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	353371	32.645	ng		98
83) Chrysene	21.83	228	1135895	42.300	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	792531	44.761	ng		97
85) Di-n-octyl phthalate	22.88	149	1332008	46.134	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1340934	46.557	ng	#	90
88) Benzo(b)fluoranthene	24.05	252	1226037	45.833	ng		98
89) Benzo(k)fluoranthene	24.12	252	1137199m	43.392	ng		
90) Benzo(a)pyrene	24.96	252	1176804	46.297	ng		99
91) Dibenzo(a,h)anthracene	29.02	278	1086991	46.360	ng		96
92) Benzo(g,h,i)perylene	30.16	276	1109559	46.775	ng		99

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

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