Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037216.D
Acq On : 6 Oct 2018 17:13
Operator : JU/SJ
Sample : PB113547BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 08 05:17:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB113547BS

Manual Integrations APPROVED
Sohil
10/8/2018 1:56:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32221	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	142115	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	97421	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	267320	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	279773	20.00	ng		-0.02
86) Perylene-d12	24.86	264	282181	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	121963	72.59	ng		-0.02
7) Phenol-d6	7.20	99	183586	70.63	ng		-0.02
23) Nitrobenzene-d5	9.19	82	173026	65.20	ng		-0.02
41) 2,4,6-Tribromophenol	16.14	330	83693	71.80	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	412729	63.10	ng		-0.02
78) Terphenyl-d14	20.01	244	808385	75.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	24023	31.248	ng		95
3) Pyridine	3.91	79	58925	26.545	ng		98
4) n-Nitrosodimethylamine	3.82	42	31839	32.271	ng	#	92
6) Aniline	7.35	93	59776	17.722	ng		97
8) 2-Chlorophenol	7.59	128	66249	33.960	ng		99
9) Benzaldehyde	7.17	77	39758	23.147	ng		96
10) Phenol	7.22	94	92319	34.412	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	66404	26.759	ng		99
12) 1,3-Dichlorobenzene	7.92	146	65966	27.581	ng		96
13) 1,4-Dichlorobenzene	8.06	146	68919	28.158	ng		99
14) 1,2-Dichlorobenzene	8.38	146	67059	28.273	ng		94
15) Benzyl Alcohol	8.27	79	56864	26.960	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	141514	29.703	ng		97
17) 2-Methylphenol	8.47	107	58326	31.212	ng		97
18) Hexachloroethane	9.11	117	28047	31.139	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	58787	27.186	ng		99
20) 3+4-Methylphenols	8.80	107	84630	32.554	ng		99
22) Acetophenone	8.85	105	100180	29.997	ng	#	97
24) Nitrobenzene	9.23	77	83520	29.470	ng		99
25) Isophorone	9.75	82	166502	34.337	ng		98
26) 2-Nitrophenol	9.95	139	34450	30.497	ng		92
27) 2,4-Dimethylphenol	10.00	122	65918	37.461	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	92869	31.038	ng		100
29) 2,4-Dichlorophenol	10.49	162	71757	35.178	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	72367	28.349	ng		97
31) Naphthalene	10.89	128	217884	32.222	ng		98
32) Benzoic acid	10.14	122	22633m	20.572	ng		
33) 4-Chloroaniline	11.01	127	45373	14.758	ng		98
34) Hexachlorobutadiene	11.16	225	47041	26.647	ng		99
35) Caprolactam	11.76	113	29793m	35.486	ng		
36) 4-Chloro-3-methylphenol	12.11	107	89011	36.571	ng		98
37) 2-Methylnaphthalene	12.48	142	172660	33.526	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	93689	27.573	ng		98
40) Hexachlorocyclopentadiene	12.83	237	94510	54.082	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	61581	32.637	ng		94
43) 2,4,5-Trichlorophenol	13.16	196	72068	35.820	ng		97
45) 1,1'-Biphenyl	13.49	154	229687	30.785	ng		98
46) 2-Chloronaphthalene	13.54	162	176059	30.006	ng		99
47) 2-Nitroaniline	13.74	65	69401	34.197	ng		98
48) Acenaphthylene	14.38	152	314000	34.151	ng		99
49) Dimethylphthalate	14.10	163	253050	32.270	ng		99
50) 2,6-Dinitrotoluene	14.23	165	56584	33.072	ng		99
51) Acenaphthene	14.72	154	175179	31.525	ng		98
52) 3-Nitroaniline	14.57	138	38387	21.292	ng		92
53) 2,4-Dinitrophenol	14.77	184	26193	37.193	ng		94
54) Dibenzofuran	15.05	168	302969	32.233	ng		99
55) 4-Nitrophenol	14.87	139	80971	70.302	ng		98
56) 2,4-Dinitrotoluene	15.02	165	82452	34.536	ng		99
57) Fluorene	15.70	166	248633	35.391	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	76438	37.451	ng		97
59) Diethylphthalate	15.47	149	264074	33.388	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	128893	28.970	ng		97
61) 4-Nitroaniline	15.73	138	63023	33.233	ng		96
62) Azobenzene	15.99	77	273224	35.952	ng		97
64) 4,6-Dinitro-2-methylphenol	15.79	198	37947	27.152	ng		98
65) n-Nitrosodiphenylamine	15.91	169	230320	31.209	ng		96
66) 4-Bromophenyl-phenylether	16.59	248	87119	28.652	ng		97
67) Hexachlorobenzene	16.71	284	90672	28.954	ng		98
68) Atrazine	16.85	200	98873	33.088	ng		97
69) Pentachlorophenol	17.05	266	92903	47.119	ng		99
70) Phenanthrene	17.44	178	437963	33.998	ng		97
71) Anthracene	17.54	178	444413	34.889	ng		99
72) Carbazole	17.81	167	395849	31.873	ng		97
73) Di-n-butylphthalate	18.35	149	473329	34.318	ng		98
74) Fluoranthene	19.45	202	538990	34.759	ng		98
76) Benzidine	19.63	184	172522	20.399	ng		97
77) Pyrene	19.81	202	537068	31.990	ng		98
79) Butylbenzylphthalate	20.69	149	223260	33.363	ng		95
80) Benzo(a)anthracene	21.65	228	532527	32.607	ng		97
81) 3,3'-Dichlorobenzidine	21.57	252	113405	18.243	ng		99
82) Chrysene	21.71	228	510943	32.380	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	306525	32.789	ng		99
84) Di-n-octyl phthalate	22.75	149	524588	34.082	ng		99
85) Indeno(1,2,3-cd)pyrene	28.48	276	573567	33.849	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	497195	33.062	ng		98
88) Benzo(k)fluoranthene	23.91	252	520472	34.498	ng		100
89) Benzo(a)pyrene	24.71	252	498071	34.259	ng		99
90) Dibenzo(a,h)anthracene	28.55	278	473204	34.729	ng		100
91) Benzo(g,h,i)perylene	29.62	276	472577	34.558	ng		100

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

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