Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037171.D
Acq On : 5 Oct 2018 1:19
Operator : JU/SJ
Sample : PB113494BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 05 01:56:43 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 :
PB113494BS

Manual Integrations APPROVED
Sohil
10/5/2018 3:17:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39055	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	171137	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	123266	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	327394	20.00	ng		-0.01
75) Chrysene-d12	21.67	240	330241	20.00	ng		-0.02
86) Perylene-d12	24.86	264	339136	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	249606	122.57	ng		-0.02
7) Phenol-d6	7.20	99	371781	118.00	ng		-0.02
23) Nitrobenzene-d5	9.19	82	350725	109.75	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	173230	117.46	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	797081	96.31	ng		-0.02
78) Terphenyl-d14	20.01	244	1466710	116.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	40599	43.568	ng		98
3) Pyridine	3.91	79	116861	43.432	ng		98
4) n-Nitrosodimethylamine	3.82	42	67435	56.390	ng	#	98
6) Aniline	7.36	93	80567	19.707	ng		98
8) 2-Chlorophenol	7.60	128	131422	55.579	ng		93
9) Benzaldehyde	7.17	77	83303	40.012	ng		99
10) Phenol	7.23	94	184652	56.785	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	119421	39.702	ng		96
12) 1,3-Dichlorobenzene	7.92	146	128238	44.236	ng		98
13) 1,4-Dichlorobenzene	8.07	146	130379	43.948	ng		98
14) 1,2-Dichlorobenzene	8.38	146	125243	43.564	ng		97
15) Benzyl Alcohol	8.27	79	128741	50.357	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	268949	46.573	ng		98
17) 2-Methylphenol	8.47	107	122120	53.915	ng		97
18) Hexachloroethane	9.11	117	49918	45.724	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	117565	44.854	ng		96
20) 3+4-Methylphenols	8.80	107	173749	55.139	ng		98
22) Acetophenone	8.85	105	197850	49.196	ng		96
24) Nitrobenzene	9.24	77	173543	50.851	ng		98
25) Isophorone	9.76	82	338451	57.960	ng		98
26) 2-Nitrophenol	9.95	139	76112	55.952	ng		94
27) 2,4-Dimethylphenol	10.01	122	138174	65.208	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	186783	51.838	ng		100
29) 2,4-Dichlorophenol	10.49	162	149007	60.661	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	138121	44.932	ng		99
31) Naphthalene	10.89	128	419267	51.489	ng		99
32) Benzoic acid	10.16	122	71997m	44.790	ng		
33) 4-Chloroaniline	11.00	127	35860	9.686	ng		95
34) Hexachlorobutadiene	11.17	225	91175	42.889	ng		98
35) Caprolactam	11.79	113	64081m	63.383	ng		
36) 4-Chloro-3-methylphenol	12.12	107	188746	64.398	ng		97
37) 2-Methylnaphthalene	12.49	142	332707	53.648	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	186302	43.333	ng		98
40) Hexachlorocyclopentadiene	12.83	237	218510	98.822	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	128844	53.968	ng		100
43) 2,4,5-Trichlorophenol	13.17	196	148995	58.527	ng		98
45) 1,1'-Biphenyl	13.50	154	455909	48.293	ng		98
46) 2-Chloronaphthalene	13.54	162	341214	45.960	ng		99
47) 2-Nitroaniline	13.74	65	148262	57.737	ng		94
48) Acenaphthylene	14.38	152	616178	52.965	ng		100
49) Dimethylphthalate	14.11	163	509132	51.313	ng		99
50) 2,6-Dinitrotoluene	14.24	165	114331	52.813	ng		100
51) Acenaphthene	14.72	154	348093	49.508	ng		98
52) 3-Nitroaniline	14.57	138	32997	14.465	ng		96
53) 2,4-Dinitrophenol	14.78	184	53460	55.305	ng		92
54) Dibenzofuran	15.06	168	588188	49.457	ng		97
55) 4-Nitrophenol	14.88	139	188716	129.496	ng		98
56) 2,4-Dinitrotoluene	15.02	165	162180	53.689	ng		96
57) Fluorene	15.71	166	483529	54.396	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	152010	58.862	ng		99
59) Diethylphthalate	15.48	149	530478	53.008	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	263894	46.878	ng		99
61) 4-Nitroaniline	15.73	138	124122	51.728	ng		97
62) Azobenzene	15.99	77	539864	56.144	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	68662	40.114	ng		92
65) n-Nitrosodiphenylamine	15.92	169	451229	49.923	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	176353	47.357	ng		95
67) Hexachlorobenzene	16.71	284	177569	46.298	ng		96
68) Atrazine	16.86	200	193477	52.867	ng		99
69) Pentachlorophenol	17.06	266	201916	83.617	ng		98
70) Phenanthrene	17.45	178	835605	52.964	ng		98
71) Anthracene	17.54	178	857998	54.998	ng		99
72) Carbazole	17.81	167	771516	50.723	ng		99
73) Di-n-butylphthalate	18.36	149	907342	53.715	ng		99
74) Fluoranthene	19.45	202	1010311	53.199	ng		98
76) Benzidine	19.64	184	297579	29.808	ng		97
77) Pyrene	19.82	202	1005646	50.746	ng		99
79) Butylbenzylphthalate	20.70	149	421873	53.408	ng		97
80) Benzo(a)anthracene	21.65	228	992111	51.464	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	171935	23.431	ng		98
82) Chrysene	21.72	228	934958	50.196	ng		97
83) Bis(2-ethylhexyl)phthalate	21.55	149	592677	53.710	ng		99
84) Di-n-octyl phthalate	22.75	149	994843	54.757	ng		100
85) Indeno(1,2,3-cd)pyrene	28.51	276	1120078	56.000	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	977881	54.106	ng		97
88) Benzo(k)fluoranthene	23.92	252	968988	53.440	ng		99
89) Benzo(a)pyrene	24.72	252	959763	54.929	ng		99
90) Dibenzo(a,h)anthracene	28.57	278	910190	55.581	ng		99
91) Benzo(g,h,i)perylene	29.65	276	934407	56.855	ng		98

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

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