Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091318\
Data File : BG036698.D
Acq On : 14 Sep 2018 1:10
Operator : JU/SJ
Sample : PB112803BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112803BSD

Quant Time: Sep 14 05:12:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62592	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	273982	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	184024	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	431183	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	414963	20.00	ng		-0.01
86) Perylene-d12	24.89	264	428347	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	411483	104.28	ng		0.00
7) Phenol-d6	7.21	99	580695	102.79	ng		0.00
23) Nitrobenzene-d5	9.22	82	518331	102.65	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	241343	109.91	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1199953	93.10	ng		-0.01
78) Terphenyl-d14	20.03	244	1765967	99.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	53666	29.143	ng		96
3) Pyridine	3.92	79	171458	33.171	ng		97
4) n-Nitrosodimethylamine	3.83	42	93592	40.653	ng		97
6) Aniline	7.38	93	227055	31.663	ng		99
8) 2-Chlorophenol	7.62	128	205643	48.059	ng		98
9) Benzaldehyde	7.19	77	99177	25.493	ng		96
10) Phenol	7.24	94	290040	49.059	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	193588	41.303	ng		98
12) 1,3-Dichlorobenzene	7.94	146	194696	39.848	ng		99
13) 1,4-Dichlorobenzene	8.09	146	202409	41.031	ng		99
14) 1,2-Dichlorobenzene	8.41	146	194381	41.260	ng		96
15) Benzyl Alcohol	8.29	79	208895	45.868	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	369770	39.120	ng		99
17) 2-Methylphenol	8.49	107	197561	50.326	ng		97
18) Hexachloroethane	9.13	117	73484	41.548	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	170700	40.430	ng		94
20) 3+4-Methylphenols	8.82	107	274827	50.145	ng		99
22) Acetophenone	8.88	105	314328	43.689	ng	#	98
24) Nitrobenzene	9.26	77	253042	46.470	ng		98
25) Isophorone	9.77	82	482611	48.109	ng		97
26) 2-Nitrophenol	9.97	139	116325	53.910	ng		97
27) 2,4-Dimethylphenol	10.02	122	218128	54.602	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	280289	45.526	ng		100
29) 2,4-Dichlorophenol	10.50	162	231954	52.979	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	229359	44.781	ng		98
31) Naphthalene	10.91	128	647106	47.247	ng		99
32) Benzoic acid	10.16	122	120814	41.464	ng		99
33) 4-Chloroaniline	11.01	127	130167	20.740	ng		97
34) Hexachlorobutadiene	11.19	225	152636	44.355	ng		98
35) Caprolactam	11.80	113	82759	47.451	ng		91
36) 4-Chloro-3-methylphenol	12.13	107	262083	51.517	ng		98
37) 2-Methylnaphthalene	12.51	142	514942	51.384	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	297767	45.723	ng		99
40) Hexachlorocyclopentadiene	12.85	237	362031	106.844	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	202385	51.017	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	214817	50.769	ng		99
45) 1,1'-Biphenyl	13.51	154	666754	43.649	ng		99
46) 2-Chloronaphthalene	13.56	162	519527	44.551	ng		99
47) 2-Nitroaniline	13.76	65	182908	49.948	ng		98
48) Acenaphthylene	14.40	152	879483	48.257	ng		100
49) Dimethylphthalate	14.13	163	697013	46.385	ng		98
50) 2,6-Dinitrotoluene	14.25	165	153158	49.533	ng		96
51) Acenaphthene	14.74	154	526798	45.133	ng		99
52) 3-Nitroaniline	14.58	138	108891	32.679	ng		98
53) 2,4-Dinitrophenol	14.78	184	95887	81.871	ng		97
54) Dibenzofuran	15.07	168	824494	45.088	ng		99
55) 4-Nitrophenol	14.88	139	219153	80.440	ng		99
56) 2,4-Dinitrotoluene	15.03	165	211995	52.606	ng		90
57) Fluorene	15.73	166	660145	48.291	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	212041	53.337	ng		95
59) Diethylphthalate	15.49	149	671887	44.368	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	383371	45.416	ng		97
61) 4-Nitroaniline	15.74	138	157480	45.164	ng		95
62) Azobenzene	16.01	77	665914	43.218	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	98655	52.085	ng		95
65) n-Nitrosodiphenylamine	15.93	169	595700	46.496	ng		100
66) 4-Bromophenyl-phenylether	16.61	248	251716	49.862	ng		99
67) Hexachlorobenzene	16.73	284	250276	48.484	ng		97
68) Atrazine	16.88	200	245801	51.113	ng		99
69) Pentachlorophenol	17.07	266	274302	78.186	ng		97
70) Phenanthrene	17.47	178	1043352	47.621	ng		98
71) Anthracene	17.55	178	1062302	48.640	ng		98
72) Carbazole	17.82	167	917822	42.080	ng		99
73) Di-n-butylphthalate	18.38	149	1033496	42.551	ng		99
74) Fluoranthene	19.47	202	1237654	46.332	ng		98
76) Benzidine	19.65	184	437694	33.061	ng		98
77) Pyrene	19.83	202	1211708	47.485	ng		98
79) Butylbenzylphthalate	20.71	149	486144	47.871	ng		92
80) Benzo(a)anthracene	21.67	228	1215690	48.358	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	286972	28.643	ng		98
82) Chrysene	21.73	228	1144366	48.025	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	662634	46.628	ng		100
84) Di-n-octyl phthalate	22.78	149	1111114	46.810	ng		97
85) Indeno(1,2,3-cd)pyrene	28.53	276	1255050	45.347	ng	#	97
87) Benzo(b)fluoranthene	23.88	252	1233813	51.871	ng		95
88) Benzo(k)fluoranthene	23.94	252	1147069	49.362	ng		99
89) Benzo(a)pyrene	24.75	252	1175643	51.435	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	962740	43.630	ng		98
91) Benzo(g,h,i)perylene	29.67	276	1059107	47.762	ng		98

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

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