Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036582.D
Acq On : 6 Sep 2018 23:23
Operator : JU/SJ
Sample : PB112641BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112641BS

Manual Integrations APPROVED
Sohil
9/7/2018 11:44:49 AM

Quant Time: Sep 07 04:50:12 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	8.06	152	55842	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	238463	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	168929	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	436398	20.00	ng		0.00
75) Chrysene-d12	21.69	240	435500	20.00	ng		0.00
86) Perylene-d12	24.90	264	466530	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	367713	104.46	ng		0.00
7) Phenol-d6	7.21	99	520868	103.34	ng		0.00
23) Nitrobenzene-d5	9.22	82	465880	106.00	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	243043	120.57	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1098460	92.84	ng		0.00
78) Terphenyl-d14	20.03	244	1731104	92.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	51025	31.058	ng		98
3) Pyridine	3.92	79	160109	34.720	ng		98
4) n-Nitrosodimethylamine	3.84	42	85529	41.641	ng		92
6) Aniline	7.38	93	221163	34.570	ng		97
8) 2-Chlorophenol	7.62	128	177077	46.385	ng		99
9) Benzaldehyde	7.19	77	103869	29.927	ng		98
10) Phenol	7.24	94	252854	47.939	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	168806	40.369	ng		98
12) 1,3-Dichlorobenzene	7.95	146	176411	40.470	ng		98
13) 1,4-Dichlorobenzene	8.09	146	178181	40.486	ng		98
14) 1,2-Dichlorobenzene	8.41	146	172748	41.100	ng		95
15) Benzyl Alcohol	8.29	79	181215	44.600	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	317201	37.615	ng		98
17) 2-Methylphenol	8.49	107	170059	48.557	ng		96
18) Hexachloroethane	9.15	117	64084	40.613	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	149006	39.557	ng		92
20) 3+4-Methylphenols	8.82	107	234980	48.057	ng		99
22) Acetophenone	8.88	105	273264	43.639	ng	#	99
24) Nitrobenzene	9.26	77	220521	46.530	ng		97
25) Isophorone	9.78	82	417716	47.843	ng		98
26) 2-Nitrophenol	9.97	139	99219	52.831	ng		94
27) 2,4-Dimethylphenol	10.03	122	187904	54.042	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	245334	45.784	ng		98
29) 2,4-Dichlorophenol	10.50	162	203517	53.408	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	197930	44.401	ng		99
31) Naphthalene	10.91	128	566245	47.502	ng		99
32) Benzoic acid	10.16	122	125124	48.489	ng		96
33) 4-Chloroaniline	11.01	127	136088	24.913	ng		97
34) Hexachlorobutadiene	11.20	225	131525	43.913	ng		99
35) Caprolactam	11.80	113	78316m	51.592	ng		
36) 4-Chloro-3-methylphenol	12.13	107	231672	52.323	ng		98
37) 2-Methylnaphthalene	12.51	142	452686	51.900	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	260638	43.598	ng		99
40) Hexachlorocyclopentadiene	12.86	237	314147	100.997	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	181982	49.973	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	202948	52.250	ng		98
45) 1,1'-Biphenyl	13.52	154	591290	42.167	ng		99
46) 2-Chloronaphthalene	13.56	162	461294	43.092	ng		99
47) 2-Nitroaniline	13.76	65	169255	50.350	ng		95
48) Acenaphthylene	14.40	152	800872	47.870	ng		100
49) Dimethylphthalate	14.13	163	649431	47.081	ng		99
50) 2,6-Dinitrotoluene	14.25	165	143403	50.522	ng		97
51) Acenaphthene	14.74	154	470898	43.949	ng		99
52) 3-Nitroaniline	14.58	138	112921	36.917	ng		99
53) 2,4-Dinitrophenol	14.79	184	127193	118.305	ng		97
54) Dibenzofuran	15.08	168	768635	45.789	ng		100
55) 4-Nitrophenol	14.89	139	239146	95.622	ng		98
56) 2,4-Dinitrotoluene	15.04	165	210794	56.982	ng		91
57) Fluorene	15.73	166	624946	49.801	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	206262	56.520	ng		97
59) Diethylphthalate	15.50	149	643466	46.288	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	358600	46.278	ng		97
61) 4-Nitroaniline	15.75	138	159570	49.853	ng		94
62) Azobenzene	16.01	77	633233	44.769	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	107163	55.901	ng		94
65) n-Nitrosodiphenylamine	15.93	169	575398	44.374	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	240993	47.167	ng		98
67) Hexachlorobenzene	16.73	284	244054	46.714	ng		97
68) Atrazine	16.88	200	248047	50.964	ng		98
69) Pentachlorophenol	17.07	266	303403	85.448	ng		96
70) Phenanthrene	17.47	178	1058490	47.734	ng		98
71) Anthracene	17.56	178	1073272	48.555	ng		98
72) Carbazole	17.82	167	949028	42.991	ng		100
73) Di-n-butylphthalate	18.38	149	1087813	44.252	ng		99
74) Fluoranthene	19.47	202	1286661	47.591	ng		99
76) Benzidine	19.65	184	556597	40.059	ng		99
77) Pyrene	19.83	202	1265788	47.265	ng		97
79) Butylbenzylphthalate	20.72	149	507054	47.575	ng		95
80) Benzo(a)anthracene	21.67	228	1278503	48.459	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	334474	31.810	ng		98
82) Chrysene	21.74	228	1187186	47.473	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	687152	46.074	ng		99
84) Di-n-octyl phthalate	22.79	149	1174521	47.148	ng		97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1450599	49.941	ng	#	95
87) Benzo(b)fluoranthene	23.89	252	1297121	50.069	ng		97
88) Benzo(k)fluoranthene	23.95	252	1239167	48.961	ng		99
89) Benzo(a)pyrene	24.75	252	1258310	50.546	ng		100
90) Dibenzo(a,h)anthracene	28.62	278	1175662	48.919	ng		98
91) Benzo(g,h,i)perylene	29.70	276	1187403	49.166	ng		96

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

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