Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036585.D
Acq On : 7 Sep 2018 1:21
Operator : JU/SJ
Sample : PB112644BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112644BS

Manual Integrations APPROVED
Sohil
9/7/2018 11:44:53 AM

Quant Time: Sep 07 05:00:49 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	57416	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	245950	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169539	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	428215	20.00	ng	0.00
75) Chrysene-d12	21.69	240	418566	20.00	ng	0.00
86) Perylene-d12	24.90	264	443322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	519169	143.44	ng	0.00
7) Phenol-d6	7.22	99	734890	141.81	ng	0.00
23) Nitrobenzene-d5	9.22	82	455331	100.45	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	333403	164.81	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1080939	91.03	ng	0.00
78) Terphenyl-d14	20.03	244	1705001	95.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	55373	32.781	ng	99
3) Pyridine	3.93	79	177454	37.426	ng	98
4) n-Nitrosodimethylamine	3.84	42	96814	45.843	ng	91
6) Aniline	7.38	93	302823	46.036	ng	97
8) 2-Chlorophenol	7.62	128	203583	51.866	ng	96
9) Benzaldehyde	7.19	77	125450	35.154	ng	95
10) Phenol	7.25	94	289356	53.356	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	195024	45.361	ng	99
12) 1,3-Dichlorobenzene	7.95	146	200590	44.755	ng	97
13) 1,4-Dichlorobenzene	8.09	146	203429	44.956	ng	98
14) 1,2-Dichlorobenzene	8.41	146	199655	46.200	ng	100
15) Benzyl Alcohol	8.29	79	212195	50.793	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	369548	42.621	ng	98
17) 2-Methylphenol	8.49	107	193424	53.714	ng	96
18) Hexachloroethane	9.14	117	73180	45.106	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	174801	45.133	ng	94
20) 3+4-Methylphenols	8.82	107	276321	54.962	ng	99
22) Acetophenone	8.88	105	325153	50.345	ng	99
24) Nitrobenzene	9.26	77	256483	52.470	ng	97
25) Isophorone	9.78	82	502740	55.828	ng	99
26) 2-Nitrophenol	9.97	139	117724	60.776	ng	97
27) 2,4-Dimethylphenol	10.03	122	218281	60.868	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	286475	51.835	ng	98
29) 2,4-Dichlorophenol	10.51	162	237437	60.413	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	232626	50.596	ng	98
31) Naphthalene	10.92	128	662649	53.897	ng	99
32) Benzoic acid	10.17	122	137622	51.411	ng	95
33) 4-Chloroaniline	11.02	127	224168	39.789	ng	99
34) Hexachlorobutadiene	11.20	225	156277	50.589	ng	98
35) Caprolactam	11.80	113	90317m	57.686	ng	
36) 4-Chloro-3-methylphenol	12.13	107	262121	57.397	ng	95
37) 2-Methylnaphthalene	12.52	142	534856	59.454	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	307523	51.256	ng	99
40) Hexachlorocyclopentadiene	12.86	237	374086	119.834	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	209235	57.250	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	230512	59.133	ng	99
45) 1,1'-Biphenyl	13.52	154	687234	48.833	ng	100
46) 2-Chloronaphthalene	13.56	162	542227	50.470	ng	100
47) 2-Nitroaniline	13.76	65	193537	57.367	ng	97
48) Acenaphthylene	14.41	152	914651	54.474	ng	100
49) Dimethylphthalate	14.14	163	731100	52.810	ng	98
50) 2,6-Dinitrotoluene	14.25	165	163730	57.476	ng	93
51) Acenaphthene	14.75	154	546207	50.794	ng	100
52) 3-Nitroaniline	14.58	138	146081	47.586	ng	99
53) 2,4-Dinitrophenol	14.78	184	121107	112.239	ng	94
54) Dibenzofuran	15.08	168	871268	51.717	ng	100
55) 4-Nitrophenol	14.89	139	251494	100.198	ng	99
56) 2,4-Dinitrotoluene	15.04	165	231968	62.480	ng	89
57) Fluorene	15.73	166	695631	55.234	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	228768	62.462	ng	95
59) Diethylphthalate	15.50	149	722531	51.788	ng	100
60) 4-Chlorophenyl-phenylether	15.72	204	406190	52.231	ng	99
61) 4-Nitroaniline	15.75	138	177792	55.346	ng	96
62) Azobenzene	16.01	77	703378	49.550	ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	110422	58.702	ng	93
65) n-Nitrosodiphenylamine	15.93	169	640228	50.318	ng	99
66) 4-Bromophenyl-phenylether	16.62	248	270708	53.995	ng	96
67) Hexachlorobenzene	16.73	284	272184	53.093	ng	98
68) Atrazine	16.88	200	275470	57.680	ng	99
69) Pentachlorophenol	17.07	266	314570	90.286	ng	99
70) Phenanthrene	17.47	178	1160592	53.339	ng	97
71) Anthracene	17.56	178	1173372	54.098	ng	98
72) Carbazole	17.83	167	1025607	47.347	ng	100
73) Di-n-butylphthalate	18.38	149	1173841	48.664	ng	99
74) Fluoranthene	19.47	202	1402077	52.852	ng	97
76) Benzidine	19.65	184	864705	64.752	ng	98
77) Pyrene	19.84	202	1352892	52.561	ng	98
79) Butylbenzylphthalate	20.72	149	540546	52.770	ng	95
80) Benzo(a)anthracene	21.68	228	1374742	54.214	ng	97
81) 3,3'-Dichlorobenzidine	21.59	252	416805	41.243	ng	98
82) Chrysene	21.74	228	1287216	53.555	ng	96
83) Bis(2-ethylhexyl)phthalate	21.58	149	734744	51.258	ng	99
84) Di-n-octyl phthalate	22.79	149	1257077	52.504	ng	97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1549418	55.501	ng	100
87) Benzo(b)fluoranthene	23.88	252	1407495	57.174	ng	98
88) Benzo(k)fluoranthene	23.95	252	1318620	54.827	ng	98
89) Benzo(a)pyrene	24.75	252	1357991	57.406	ng	100
90) Dibenzo(a,h)anthracene	28.63	278	1253888	54.905	ng	98
91) Benzo(g,h,i)perylene	29.70	276	1258309	54.829	ng	96

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

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