Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036976.D
Acq On : 26 Sep 2018 9:11
Operator : JU/SJ
Sample : J5064-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPMSD

Manual Integrations APPROVED
Sohil
9/26/2018 3:45:30 PM

Quant Time: Sep 26 14:01:10 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	61791	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	247524	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	149189	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	348723	20.00	ng		0.00
75) Chrysene-d12	21.69	240	345053	20.00	ng		0.00
86) Perylene-d12	24.89	264	360083	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	369509	114.68	ng		0.00
7) Phenol-d6	7.21	99	457317	91.74	ng		0.00
23) Nitrobenzene-d5	9.21	82	366396	79.27	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	206164	115.50	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	749176	74.79	ng		0.00
78) Terphenyl-d14	20.02	244	1110384	84.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	61923	42.001	ng		96
3) Pyridine	3.94	79	150910	35.450	ng		96
4) n-Nitrosodimethylamine	3.84	42	98381	51.997	ng	#	95
6) Aniline	7.37	93	161601	24.983	ng		99
8) 2-Chlorophenol	7.61	128	179023	47.853	ng		95
9) Benzaldehyde	7.18	77	109475	33.235	ng		98
10) Phenol	7.24	94	208102	40.449	ng		94
11) bis(2-Chloroethyl)ether	7.47	93	191399	40.219	ng		99
12) 1,3-Dichlorobenzene	7.93	146	195640	42.655	ng		97
13) 1,4-Dichlorobenzene	8.08	146	198690	42.331	ng		98
14) 1,2-Dichlorobenzene	8.40	146	189708	41.708	ng		98
15) Benzyl Alcohol	8.28	79	173735	42.952	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	386005	42.249	ng		98
17) 2-Methylphenol	8.48	107	155286	43.331	ng		94
18) Hexachloroethane	9.12	117	78277	45.318	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	158413	38.200	ng		98
20) 3+4-Methylphenols	8.81	107	212512	42.626	ng		98
22) Acetophenone	8.87	105	276914	47.606	ng		95
24) Nitrobenzene	9.25	77	234833	47.575	ng		99
25) Isophorone	9.77	82	442379	52.379	ng		98
26) 2-Nitrophenol	9.96	139	102778	52.238	ng		93
27) 2,4-Dimethylphenol	10.02	122	172950	56.431	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	249114	47.801	ng		99
29) 2,4-Dichlorophenol	10.49	162	185714	52.273	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	199116	44.784	ng		100
31) Naphthalene	10.90	128	623244	52.919	ng		98
32) Benzoic acid	10.18	122	79807	35.686	ng		96
33) 4-Chloroaniline	11.02	127	44721	8.352	ng		94
34) Hexachlorobutadiene	11.18	225	139204	45.274	ng		98
35) Caprolactam	11.80	113	50725m	34.689	ng		
36) 4-Chloro-3-methylphenol	12.13	107	209177	49.344	ng		99
37) 2-Methylnaphthalene	12.50	142	434846	48.479	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	245400	47.161	ng		98
40) Hexachlorocyclopentadiene	12.84	237	284263	106.221	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	156329	54.103	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	171620	55.701	ng		98
45) 1,1'-Biphenyl	13.50	154	554022	48.489	ng		98
46) 2-Chloronaphthalene	13.55	162	420896	46.842	ng		99
47) 2-Nitroaniline	13.75	65	160116	51.519	ng		98
48) Acenaphthylene	14.39	152	700478	49.749	ng		100
49) Dimethylphthalate	14.12	163	554711	46.192	ng		99
50) 2,6-Dinitrotoluene	14.24	165	123816	47.256	ng		97
51) Acenaphthene	14.74	154	403001	47.358	ng		99
52) 3-Nitroaniline	14.58	138	66526	24.096	ng	#	95
53) 2,4-Dinitrophenol	14.78	184	113004	90.879	ng		92
54) Dibenzofuran	15.07	168	658010	45.714	ng		100
55) 4-Nitrophenol	14.89	139	168450	95.505	ng		95
56) 2,4-Dinitrotoluene	15.04	165	171314	46.858	ng		93
57) Fluorene	15.72	166	521044	48.431	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	164569	52.652	ng		97
59) Diethylphthalate	15.49	149	544301	44.939	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	294062	43.160	ng		99
61) 4-Nitroaniline	15.75	138	116038	39.956	ng		96
62) Azobenzene	16.00	77	560966	48.202	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	91685	50.289	ng		94
65) n-Nitrosodiphenylamine	15.92	169	471580	48.984	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	188099	47.422	ng		99
67) Hexachlorobenzene	16.72	284	187201	45.824	ng		98
68) Atrazine	16.87	200	196707	50.462	ng		98
69) Pentachlorophenol	17.07	266	231651	90.063	ng		98
70) Phenanthrene	17.46	178	827551	49.245	ng		98
71) Anthracene	17.55	178	852116	51.281	ng		99
72) Carbazole	17.82	167	744167	45.932	ng		98
73) Di-n-butylphthalate	18.37	149	851172	47.308	ng		99
74) Fluoranthene	19.47	202	951410	47.034	ng		99
76) Benzidine	19.65	184	160200	15.358	ng		98
77) Pyrene	19.82	202	954239	46.085	ng		99
79) Butylbenzylphthalate	20.70	149	401039	48.592	ng		99
80) Benzo(a)anthracene	21.66	228	978003	48.555	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	172459	22.494	ng		99
82) Chrysene	21.73	228	925097	47.535	ng		100
83) Bis(2-ethylhexyl)phthalate	21.56	149	554209	48.068	ng		98
84) Di-n-octyl phthalate	22.77	149	946766	49.874	ng		99
85) Indeno(1,2,3-cd)pyrene	28.55	276	1131510	54.143	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	972464	50.676	ng		97
88) Benzo(k)fluoranthene	23.94	252	946591	49.168	ng		99
89) Benzo(a)pyrene	24.74	252	946220	51.003	ng		100
90) Dibenzo(a,h)anthracene	28.61	278	913193	52.521	ng		96
91) Benzo(g,h,i)perylene	29.69	276	938966	53.809	ng		98

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

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