Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037195.D
Acq On : 5 Oct 2018 19:03
Operator : JU/SJ
Sample : J5263-10MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRID19-COMP-100318MS

Manual Integrations APPROVED
Sohil
10/8/2018 1:56:09 PM

Quant Time: Oct 06 04:57:22 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	8.03	152	34897	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	155227	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	107367	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	276349	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	277982	20.00	ng		-0.02
86) Perylene-d12	24.86	264	287061	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	298350	163.96	ng		-0.02
7) Phenol-d6	7.20	99	449197	159.55	ng		-0.02
23) Nitrobenzene-d5	9.19	82	292347	100.86	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	198424	154.47	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	598069	82.96	ng		-0.02
78) Terphenyl-d14	20.01	244	1107141	104.73	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	34776	41.766	ng		95
3) Pyridine	3.91	79	96374	40.086	ng		96
4) n-Nitrosodimethylamine	3.82	42	55374	51.821	ng	#	90
6) Aniline	7.36	93	111516	30.527	ng		98
8) 2-Chlorophenol	7.60	128	107866	51.053	ng		96
9) Benzaldehyde	7.17	77	69341	37.274	ng		98
10) Phenol	7.22	94	164925	56.762	ng		92
11) bis(2-Chloroethyl)ether	7.45	93	112314	41.789	ng		97
12) 1,3-Dichlorobenzene	7.92	146	101429	39.157	ng		98
13) 1,4-Dichlorobenzene	8.07	146	101464	38.277	ng		98
14) 1,2-Dichlorobenzene	8.38	146	103728	40.380	ng		96
15) Benzyl Alcohol	8.27	79	104672	45.821	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.55	45	228798	44.341	ng		98
17) 2-Methylphenol	8.47	107	99232	49.030	ng		96
18) Hexachloroethane	9.11	117	40462	41.478	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	100560	42.937	ng		100
20) 3+4-Methylphenols	8.80	107	141586	50.286	ng		99
22) Acetophenone	8.85	105	170786	46.819	ng	#	95
24) Nitrobenzene	9.24	77	145594	47.034	ng		99
25) Isophorone	9.75	82	285626	53.927	ng		100
26) 2-Nitrophenol	9.95	139	63524	51.484	ng		98
27) 2,4-Dimethylphenol	10.01	122	106400	55.359	ng		100
28) bis(2-Chloroethoxy)methane	10.23	93	160281	49.042	ng		99
29) 2,4-Dichlorophenol	10.48	162	117718	52.835	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	112706	40.422	ng		99
31) Naphthalene	10.89	128	344150	46.596	ng		99
32) Benzoic acid	10.01	122	106400	69.315	ng	#	14
33) 4-Chloroaniline	11.00	127	91441	27.230	ng		97
34) Hexachlorobutadiene	11.16	225	72057	37.370	ng		98
35) Caprolactam	11.77	113	48010m	52.354	ng		
36) 4-Chloro-3-methylphenol	12.11	107	151734	57.076	ng		97
37) 2-Methylnaphthalene	12.48	142	267198	47.500	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	149426	39.903	ng		99
40) Hexachlorocyclopentadiene	12.83	237	154058	79.991	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	103477	49.761	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	115406	52.046	ng		98
45) 1,1'-Biphenyl	13.49	154	355718	43.260	ng		97
46) 2-Chloronaphthalene	13.54	162	271741	42.023	ng		99
47) 2-Nitroaniline	13.74	65	118045	52.777	ng		97
48) Acenaphthylene	14.38	152	483213	47.686	ng		98
49) Dimethylphthalate	14.11	163	482443	55.823	ng		99
50) 2,6-Dinitrotoluene	14.23	165	90828	48.169	ng		99
51) Acenaphthene	14.72	154	272690	44.527	ng		99
52) 3-Nitroaniline	14.56	138	67283	33.862	ng		95
53) 2,4-Dinitrophenol	14.78	184	19689	27.800	ng	#	77
54) Dibenzofuran	15.06	168	459370	44.345	ng		99
55) 4-Nitrophenol	14.88	139	132907	104.705	ng		95
56) 2,4-Dinitrotoluene	15.02	165	132027	50.179	ng		96
57) Fluorene	15.70	166	375709	48.525	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	114155	50.749	ng		98
59) Diethylphthalate	15.47	149	410016	47.038	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	204288	41.663	ng		98
61) 4-Nitroaniline	15.73	138	101299	48.468	ng		98
62) Azobenzene	15.99	77	409655	48.911	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	54497	37.720	ng		97
65) n-Nitrosodiphenylamine	15.91	169	342655	44.914	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	132225	42.065	ng		96
67) Hexachlorobenzene	16.71	284	133241	41.157	ng		98
68) Atrazine	16.86	200	149701	48.461	ng		98
69) Pentachlorophenol	17.06	266	138549	67.974	ng		96
70) Phenanthrene	17.44	178	629735	47.288	ng		98
71) Anthracene	17.54	178	647529	49.174	ng		98
72) Carbazole	17.81	167	589735	45.933	ng		98
73) Di-n-butylphthalate	18.36	149	677435	47.512	ng		99
74) Fluoranthene	19.45	202	754753	47.084	ng		99
76) Benzidine	19.64	184	284201	33.820	ng		98
77) Pyrene	19.81	202	743879	44.594	ng		99
79) Butylbenzylphthalate	20.69	149	322080	48.440	ng		98
80) Benzo(a)anthracene	21.65	228	742125	45.734	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	169648	27.466	ng		99
82) Chrysene	21.72	228	705460	44.995	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	460612	49.589	ng		98
84) Di-n-octyl phthalate	22.75	149	788000	51.526	ng		100
85) Indeno(1,2,3-cd)pyrene	28.50	276	826124	49.068	ng	#	93
87) Benzo(b)fluoranthene	23.85	252	722640	47.237	ng		98
88) Benzo(k)fluoranthene	23.92	252	719847	46.901	ng		100
89) Benzo(a)pyrene	24.71	252	710934	48.069	ng		99
90) Dibenzo(a,h)anthracene	28.56	278	674420	48.655	ng		99
91) Benzo(g,h,i)perylene	29.63	276	679586	48.851	ng		98

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

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