Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
Data File : BG037977.D
Acq On : 13 Nov 2018 14:11
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
11/14/2018 2:24:06 PM

Quant Time: Nov 13 16:32:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 14:15:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57981	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	257262	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	161672	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	366648	20.00	ng		0.00
76) Chrysene-d12	21.76	240	333995	20.00	ng		0.00
87) Perylene-d12	25.08	264	357769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	332991	96.02	ng		0.00
7) Phenol-d6	7.24	99	490320	93.50	ng		0.00
23) Nitrobenzene-d5	9.27	82	480256	104.58	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	184444	104.60	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	1070525	99.85	ng		0.00
79) Terphenyl-d14	20.07	244	1380391	88.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	76300	43.383	ng		97
3) Pyridine	3.92	79	225003	50.758	ng		97
4) n-Nitrosodimethylamine	3.85	42	81942	51.898	ng	#	95
6) Aniline	7.42	93	313418	48.991	ng		97
8) 2-Chlorophenol	7.65	128	197740	48.739	ng		98
9) Benzaldehyde	7.23	77	171251	52.204	ng		95
10) Phenol	7.26	94	256933	46.435	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	210719	50.142	ng		97
12) 1,3-Dichlorobenzene	7.98	146	222015	49.154	ng		99
13) 1,4-Dichlorobenzene	8.12	146	224798	48.656	ng		99
14) 1,2-Dichlorobenzene	8.44	146	212364	47.783	ng		96
15) Benzyl Alcohol	8.33	79	185879	47.970	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	385884	51.319	ng		98
17) 2-Methylphenol	8.52	107	175457	47.965	ng		98
18) Hexachloroethane	9.17	117	82300	52.251	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	175285	48.539	ng		95
20) 3+4-Methylphenols	8.85	107	247620	47.346	ng		99
22) Acetophenone	8.92	105	320882	49.734	ng	#	98
24) Nitrobenzene	9.31	77	247740	51.928	ng		96
25) Isophorone	9.82	82	438494	52.257	ng		98
26) 2-Nitrophenol	10.02	139	127735	59.433	ng		99
27) 2,4-Dimethylphenol	10.06	122	192395	50.137	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	279936	50.919	ng		96
29) 2,4-Dichlorophenol	10.55	162	212508	49.738	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	235438	50.672	ng		99
31) Naphthalene	10.96	128	622709	49.280	ng		99
32) Benzoic acid	10.20	122	117274m	47.052	ng		
33) 4-Chloroaniline	11.07	127	296093	49.871	ng		97
34) Hexachlorobutadiene	11.22	225	144764	52.570	ng		99
35) Caprolactam	11.87	113	89596	52.286	ng		95
36) 4-Chloro-3-methylphenol	12.18	107	234076	48.579	ng		98
37) 2-Methylnaphthalene	12.55	142	453050	49.185	ng		99
38) 1-Methylnaphthalene	12.78	142	435339	48.666	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	270845	51.938	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	148599	59.655	ng		100
43) 2,4,6-Trichlorophenol	13.15	196	187887	53.930	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	192038	50.627	ng		98
46) 1,1'-Biphenyl	13.56	154	663251	49.536	ng		99
47) 2-Chloronaphthalene	13.61	162	508226	50.173	ng		100
48) 2-Nitroaniline	13.82	65	166087	54.068	ng		95
49) Acenaphthylene	14.45	152	767912	50.396	ng		99
50) Dimethylphthalate	14.18	163	628066	50.216	ng		100
51) 2,6-Dinitrotoluene	14.31	165	147126	53.175	ng		92
52) Acenaphthene	14.79	154	465117	49.563	ng		97
53) 3-Nitroaniline	14.64	138	163026	53.075	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	69338	86.146	ng		95
55) Dibenzofuran	15.12	168	750850	48.292	ng		99
56) 4-Nitrophenol	14.93	139	126662	55.710	ng		97
57) 2,4-Dinitrotoluene	15.09	165	200904	55.316	ng		97
58) Fluorene	15.77	166	563110	48.363	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.34	232	165446	50.942	ng		98
60) Diethylphthalate	15.53	149	655752	51.069	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	328639	48.426	ng		98
62) 4-Nitroaniline	15.80	138	163129	53.447	ng		95
63) Azobenzene	16.05	77	596679	48.703	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	123594	72.806	ng		97
66) n-Nitrosodiphenylamine	15.97	169	554965	50.319	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	202921	50.398	ng		98
68) Hexachlorobenzene	16.77	284	211159	50.601	ng		98
69) Atrazine	16.91	200	209018	52.418	ng		98
70) Pentachlorophenol	17.11	266	150567	53.866	ng		94
71) Phenanthrene	17.51	178	922139	49.486	ng		100
72) Anthracene	17.61	178	913077	49.931	ng		97
73) Carbazole	17.88	167	931257	50.910	ng		99
74) Di-n-butylphthalate	18.41	149	1044313	51.321	ng		99
75) Fluoranthene	19.52	202	1058418	50.080	ng		98
77) Benzidine	19.70	184	622033	54.772	ng		98
78) Pyrene	19.88	202	1068073	48.918	ng		99
80) Butylbenzylphthalate	20.75	149	484299	54.198	ng		98
81) Benzo(a)anthracene	21.74	228	996622	50.448	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	408094	53.294	ng		99
83) Chrysene	21.80	228	946322	49.816	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	683616	54.579	ng		99
85) Di-n-octyl phthalate	22.85	149	1128857	55.270	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	1095506	53.768	ng	#	90
88) Benzo(b)fluoranthene	24.02	252	982627	50.098	ng		99
89) Benzo(k)fluoranthene	24.09	252	944850	49.168	ng		98
90) Benzo(a)pyrene	24.92	252	936505	50.247	ng		99
91) Dibenzo(a,h)anthracene	28.97	278	904177	52.592	ng		98
92) Benzo(g,h,i)perylene	30.10	276	897402	51.594	ng		96

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

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