Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037473.D
Acq On : 20 Oct 2018 5:38
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:44 PM

Quant Time: Oct 22 15:33:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66182	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	321506	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	233356	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	552470	20.00	ng		0.00
76) Chrysene-d12	21.77	240	495016	20.00	ng		0.00
87) Perylene-d12	25.11	264	530808	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	314269	79.39	ng		0.00
7) Phenol-d6	7.25	99	497896	83.18	ng		0.00
23) Nitrobenzene-d5	9.29	82	464500	80.93	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	214538	84.29	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1171405	75.70	ng		0.00
79) Terphenyl-d14	20.09	244	1753668	75.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	77978	38.843	ng		99
3) Pyridine	3.94	79	208830	41.272	ng		95
4) n-Nitrosodimethylamine	3.85	42	74141	41.138	ng	#	95
6) Aniline	7.43	93	311046	42.595	ng		96
8) 2-Chlorophenol	7.67	128	185468	40.049	ng		98
9) Benzaldehyde	7.25	77	145335	38.814	ng		93
10) Phenol	7.27	94	263365	41.700	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	192084	40.044	ng		98
12) 1,3-Dichlorobenzene	8.00	146	203477	39.468	ng		99
13) 1,4-Dichlorobenzene	8.14	146	207656	39.376	ng		98
14) 1,2-Dichlorobenzene	8.47	146	198639	39.157	ng		97
15) Benzyl Alcohol	8.35	79	201530	45.564	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	353824	41.224	ng		98
17) 2-Methylphenol	8.54	107	177411	42.489	ng		98
18) Hexachloroethane	9.20	117	72270	40.197	ng		93
19) n-Nitroso-di-n-propylamine	8.92	70	186073	45.142	ng		94
20) 3+4-Methylphenols	8.87	107	268465	44.971	ng		98
22) Acetophenone	8.94	105	324498	40.244	ng	#	97
24) Nitrobenzene	9.33	77	242477	40.669	ng		95
25) Isophorone	9.85	82	477255	45.511	ng		98
26) 2-Nitrophenol	10.04	139	119918	44.647	ng		99
27) 2,4-Dimethylphenol	10.08	122	208837	43.547	ng		95
28) bis(2-Chloroethoxy)methane	10.33	93	292036	42.505	ng		98
29) 2,4-Dichlorophenol	10.56	162	226607	42.440	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	226452	38.999	ng		97
31) Naphthalene	10.98	128	621303	39.344	ng		100
32) Benzoic acid	10.22	122	138207m	44.371	ng		
33) 4-Chloroaniline	11.09	127	323149	43.552	ng		98
34) Hexachlorobutadiene	11.25	225	132537	38.512	ng		98
35) Caprolactam	11.89	113	101799	47.537	ng		95
36) 4-Chloro-3-methylphenol	12.19	107	269857	44.814	ng		98
37) 2-Methylnaphthalene	12.58	142	486283	42.244	ng		99
38) 1-Methylnaphthalene	12.80	142	470820	42.116	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	290663	38.616	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	143395	39.882	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	208755	41.513	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	223312	40.787	ng		97
46) 1,1'-Biphenyl	13.58	154	753346	38.981	ng		99
47) 2-Chloronaphthalene	13.63	162	562405	38.466	ng		99
48) 2-Nitroaniline	13.83	65	193074	43.546	ng		97
49) Acenaphthylene	14.47	152	864090	39.288	ng		98
50) Dimethylphthalate	14.20	163	725509	40.188	ng		99
51) 2,6-Dinitrotoluene	14.32	165	167351	41.904	ng		94
52) Acenaphthene	14.81	154	540141	39.877	ng		98
53) 3-Nitroaniline	14.65	138	186355	42.033	ng	#	97
54) 2,4-Dinitrophenol	14.85	184	70131	51.939	ng		97
55) Dibenzofuran	15.14	168	865494	38.566	ng		98
56) 4-Nitrophenol	14.94	139	143865	43.839	ng		99
57) 2,4-Dinitrotoluene	15.11	165	232677	44.384	ng		94
58) Fluorene	15.79	166	655090	38.980	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	194045	41.394	ng		99
60) Diethylphthalate	15.55	149	744296	40.158	ng		100
61) 4-Chlorophenyl-phenylether	15.78	204	384476	39.250	ng		97
62) 4-Nitroaniline	15.82	138	190957	43.346	ng		93
63) Azobenzene	16.07	77	699320	39.546	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	125248	44.052	ng		98
66) n-Nitrosodiphenylamine	15.99	169	651665	39.213	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	239710	39.510	ng		99
68) Hexachlorobenzene	16.78	284	248655	39.545	ng		99
69) Atrazine	16.93	200	226420	37.684	ng		98
70) Pentachlorophenol	17.13	266	185036	43.932	ng		95
71) Phenanthrene	17.53	178	1078903	38.425	ng		97
72) Anthracene	17.62	178	1069812	38.825	ng		97
73) Carbazole	17.90	167	1096532	39.783	ng		98
74) Di-n-butylphthalate	18.43	149	1229710	40.106	ng		99
75) Fluoranthene	19.54	202	1241343	38.980	ng		97
77) Benzidine	19.72	184	819739	48.702	ng		98
78) Pyrene	19.90	202	1268559	39.202	ng		98
80) Butylbenzylphthalate	20.77	149	562872	42.501	ng		100
81) Benzo(a)anthracene	21.75	228	1152197	39.351	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	463955	40.881	ng		99
83) Chrysene	21.82	228	1116418	39.653	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	783591	42.211	ng		99
85) Di-n-octyl phthalate	22.88	149	1276034	42.153	ng		99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1228985	40.698	ng	#	90
88) Benzo(b)fluoranthene	24.04	252	1129090	38.799	ng		98
89) Benzo(k)fluoranthene	24.12	252	1127061	39.531	ng		97
90) Benzo(a)pyrene	24.96	252	1090349	39.430	ng		99
91) Dibenzo(a,h)anthracene	29.02	278	997396	39.102	ng		98
92) Benzo(g,h,i)perylene	30.16	276	1012394	39.231	ng		98

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

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