Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040789.D
Acq On : 8 May 2019 14:31
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 08 17:51:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 17:46:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53722	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	232616	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	172487	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	426902	20.00	ng	0.00
76) Chrysene-d12	21.80	240	469845	20.00	ng	0.00
87) Perylene-d12	25.16	264	447684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	240793	79.01	ng	0.00
7) Phenol-d6	7.28	99	381220	81.24	ng	0.00
23) Nitrobenzene-d5	9.32	82	443754	88.15	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	214907	90.64	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	967353	80.99	ng	0.00
79) Terphenyl-d14	20.11	244	1678513	79.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	50276	36.274	ng	100
3) Pyridine	3.95	79	160977	40.071	ng	100
4) n-Nitrosodimethylamine	3.87	42	86735	38.924	ng	100
6) Aniline	7.46	93	239762	38.549	ng	100
8) 2-Chlorophenol	7.70	128	145305	39.047	ng	100
9) Benzaldehyde	7.28	77	117063	42.240	ng	100
10) Phenol	7.31	94	204662	40.574	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	146029	38.606	ng	100
12) 1,3-Dichlorobenzene	8.03	146	160937	39.623	ng	100
13) 1,4-Dichlorobenzene	8.18	146	162487	39.463	ng	100
14) 1,2-Dichlorobenzene	8.50	146	156177	39.331	ng	100
15) Benzyl Alcohol	8.38	79	186285	38.153	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.66	45	251021	33.333	ng	100
17) 2-Methylphenol	8.57	107	140432	39.340	ng	100
18) Hexachloroethane	9.23	117	62616	37.072	ng	100
19) n-Nitroso-di-n-propylamine	8.95	70	153170	36.262	ng	100
20) 3+4-Methylphenols	8.90	107	198535	39.924	ng	100
22) Acetophenone	8.97	105	263794	40.782	ng	100
24) Nitrobenzene	9.37	77	227808	42.412	ng	100
25) Isophorone	9.88	82	434003	38.702	ng	100
26) 2-Nitrophenol	10.07	139	94714	49.192	ng	100
27) 2,4-Dimethylphenol	10.11	122	144799	40.082	ng	100
28) bis(2-Chloroethoxy)methane	10.36	93	220526	39.196	ng	100
29) 2,4-Dichlorophenol	10.60	162	180448	43.937	ng	100
30) 1,2,4-Trichlorobenzene	10.82	180	196211	43.082	ng	100
31) Naphthalene	11.02	128	506169	40.958	ng	100
32) Benzoic acid	10.24	122	108202	43.752	ng	100
33) 4-Chloroaniline	11.12	127	225357	41.129	ng	100
34) Hexachlorobutadiene	11.28	225	148153	44.062	ng	100
35) Caprolactam	11.92	113	65416	40.343	ng	100
36) 4-Chloro-3-methylphenol	12.22	107	219450	42.356	ng	100
37) 2-Methylnaphthalene	12.62	142	386773	41.859	ng	100
38) 1-Methylnaphthalene	12.83	142	373647	41.371	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	270993	42.174	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	125627	33.133 ng	100
43) 2,4,6-Trichlorophenol	13.20	196	167926	43.246 ng	100
44) 2,4,5-Trichlorophenol	13.27	196	186782	44.157 ng	100
46) 1,1'-Biphenyl	13.61	154	529746	39.557 ng	100
47) 2-Chloronaphthalene	13.65	162	420634	40.135 ng	100
48) 2-Nitroaniline	13.86	65	169249	45.367 ng	100
49) Acenaphthylene	14.50	152	692844	38.965 ng	100
50) Dimethylphthalate	14.22	163	576713	39.962 ng	100
51) 2,6-Dinitrotoluene	14.35	165	127179	45.153 ng	100
52) Acenaphthene	14.84	154	404386	39.051 ng	100
53) 3-Nitroaniline	14.68	138	126721	43.910 ng	100
54) 2,4-Dinitrophenol	14.88	184	48989	35.150 ng	100
55) Dibenzofuran	15.17	168	696609	41.071 ng	100
56) 4-Nitrophenol	14.97	139	91401	36.525 ng	100
57) 2,4-Dinitrotoluene	15.13	165	185571	48.486 ng	100
58) Fluorene	15.82	166	551538	40.232 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	189784	44.576 ng	100
60) Diethylphthalate	15.57	149	589668	38.726 ng	100
61) 4-Chlorophenyl-phenylether	15.81	204	335911	42.130 ng	100
62) 4-Nitroaniline	15.85	138	135314	41.915 ng	100
63) Azobenzene	16.10	77	569930	36.345 ng	100
65) 4,6-Dinitro-2-methylphenol	15.89	198	85920	41.905 ng	100
66) n-Nitrosodiphenylamine	16.02	169	495087	39.418 ng	100
67) 4-Bromophenyl-phenylether	16.70	248	226277	42.545 ng	100
68) Hexachlorobenzene	16.81	284	236586	43.020 ng	100
69) Atrazine	16.96	200	190120	38.206 ng	100
70) Pentachlorophenol	17.15	266	129910	40.368 ng	100
71) Phenanthrene	17.56	178	924848	40.221 ng	100
72) Anthracene	17.65	178	927691	40.137 ng	100
73) Carbazole	17.92	167	812250	38.573 ng	100
74) Di-n-butylphthalate	18.46	149	967834	38.079 ng	100
75) Fluoranthene	19.56	202	1163358	40.600 ng	100
77) Benzidine	19.74	184	407335	31.663 ng	100
78) Pyrene	19.92	202	1170860	39.760 ng	100
80) Butylbenzylphthalate	20.79	149	438890	38.240 ng	100
81) Benzo(a)anthracene	21.78	228	1167505	39.317 ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	394966	37.318 ng	100
83) Chrysene	21.85	228	1121061	39.697 ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	603782	36.443 ng	100
85) Di-n-octyl phthalate	22.91	149	1017361	36.462 ng	100
86) Indeno(1,2,3-cd)pyrene	29.01	276	1047684	30.684 ng	100
88) Benzo(b)fluoranthene	24.08	252	1102268	40.291 ng	100
89) Benzo(k)fluoranthene	24.15	252	1087249	42.555 ng	100
90) Benzo(a)pyrene	24.99	252	1044530	40.336 ng	100
91) Dibenzo(a,h)anthracene	29.08	278	798342	30.464 ng	100
92) Benzo(g,h,i)perylene	30.22	276	861960	33.049 ng	100

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

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