Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046512.D
Acq On : 3 Sep 2020 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 03 11:19:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	93294	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	363387	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	247732	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	570356	20.00	ng	0.00
76) Chrysene-d12	21.56	240	557159	20.00	ng	0.00
86) Perylene-d12	24.65	264	611001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	386842	73.44	ng	0.00
7) Phenol-d6	7.10	99	544417	72.91	ng	0.00
23) Nitrobenzene-d5	9.08	82	474607	74.65	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	236119	70.34	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1186587	73.12	ng	0.00
79) Terphenyl-d14	19.92	244	1857544	70.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	83711	38.200	ng	99
3) Pyridine	3.81	79	240249	37.471	ng	97
4) n-Nitrosodimethylamine	3.73	42	91638	38.752	ng	99
6) Aniline	7.26	93	304384	36.225	ng	98
8) 2-Chlorophenol	7.50	128	200392	35.996	ng	99
9) Benzaldehyde	7.07	77	153686	36.737	ng	96
10) Phenol	7.13	94	252431	36.704	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	199489	36.086	ng	99
12) 1,3-Dichlorobenzene	7.82	146	258195	36.530	ng	99
13) 1,4-Dichlorobenzene	7.97	146	257112	36.335	ng	99
14) 1,2-Dichlorobenzene	8.28	146	242991	35.814	ng	100
15) Benzyl Alcohol	8.17	79	183271	38.230	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	324475	37.840	ng	99
17) 2-Methylphenol	8.38	107	176040	36.093	ng	99
18) Hexachloroethane	9.01	117	89965	37.498	ng	92
19) n-Nitroso-di-n-propylamine	8.74	70	165228	36.993	ng	96
20) 3+4-Methylphenols	8.71	107	246338	36.591	ng	98
22) Acetophenone	8.75	105	323584	36.581	ng	99
24) Nitrobenzene	9.13	77	232533	37.020	ng	99
25) Isophorone	9.65	82	436665	37.461	ng	99
26) 2-Nitrophenol	9.84	139	126125	38.058	ng	96
27) 2,4-Dimethylphenol	9.91	122	169908	37.276	ng	97
28) bis(2-Chloroethoxy)methane	10.14	93	282948	37.713	ng	99
29) 2,4-Dichlorophenol	10.38	162	226085	37.208	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	261799	36.313	ng	99
31) Naphthalene	10.78	128	646649	36.446	ng	99
32) Benzoic acid	10.06	122	97137	32.840	ng	96
33) 4-Chloroaniline	10.88	127	288022	36.813	ng	98
34) Hexachlorobutadiene	11.07	225	173262	37.021	ng	96
35) Caprolactam	11.66	113	77331	34.047	ng	97
36) 4-Chloro-3-methylphenol	12.02	107	218274	36.728	ng	95
37) 2-Methylnaphthalene	12.39	142	512094	36.596	ng	99
38) 1-Methylnaphthalene	12.60	142	482568	36.407	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	305880	37.443	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	141842	39.931 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	207252	37.594 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	212974	36.769 ng	99
46) 1,1'-Biphenyl	13.40	154	640640	37.169 ng	99
47) 2-Chloronaphthalene	13.44	162	537752	36.798 ng	99
48) 2-Nitroaniline	13.64	65	154241	38.010 ng	99
49) Acenaphthylene	14.28	152	810177	36.548 ng	100
50) Dimethylphthalate	14.02	163	687509	35.872 ng	100
51) 2,6-Dinitrotoluene	14.13	165	154134	36.483 ng	97
52) Acenaphthene	14.62	154	501416	36.501 ng	99
53) 3-Nitroaniline	14.47	138	164148	35.869 ng	98
54) 2,4-Dinitrophenol	14.67	184	91740	37.201 ng	97
55) Dibenzofuran	14.96	168	792660	35.956 ng	99
56) 4-Nitrophenol	14.78	139	121398	36.045 ng	99
57) 2,4-Dinitrotoluene	14.92	165	219264	36.398 ng	98
58) Fluorene	15.61	166	654354	35.365 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	204567	36.370 ng	98
60) Diethylphthalate	15.38	149	663065	35.484 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	365495	35.867 ng	96
62) 4-Nitroaniline	15.63	138	168807	34.959 ng	97
63) Azobenzene	15.89	77	549108	36.125 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	128060	39.669 ng	96
66) n-Nitrosodiphenylamine	15.82	169	581637	37.800 ng	100
67) 4-Bromophenyl-phenylether	16.50	248	256011	38.474 ng	100
68) Hexachlorobenzene	16.62	284	273735	37.144 ng	98
69) Atrazine	16.77	200	230807	36.769 ng	100
70) Pentachlorophenol	16.96	266	150284	39.031 ng	99
71) Phenanthrene	17.35	178	1051062	36.357 ng	99
72) Anthracene	17.44	178	1042901	36.563 ng	100
73) Carbazole	17.71	167	968334	35.957 ng	100
74) Di-n-butylphthalate	18.27	149	1141475	36.861 ng	99
75) Fluoranthene	19.35	202	1303406	35.034 ng	100
77) Benzidine	19.54	184	418809	32.349 ng	99
78) Pyrene	19.72	202	1304672	36.773 ng	99
80) Butylbenzylphthalate	20.61	149	527761	38.136 ng	95
81) Benzo(a)anthracene	21.53	228	1267710	36.504 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	485736	37.690 ng	98
83) Chrysene	21.60	228	1221346	36.562 ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	721638	38.211 ng	100
85) Di-n-octyl phthalate	22.63	149	1258098	38.905 ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1560515	35.560 ng	100
88) Benzo(b)fluoranthene	23.68	252	1328330	34.817 ng	98
89) Benzo(k)fluoranthene	23.74	252	1304233	35.372 ng	99
90) Benzo(a)pyrene	24.51	252	1270130	35.674 ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1254093	35.414 ng	99
92) Benzo(g,h,i)perylene	29.27	276	1258312	35.583 ng	98

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

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