Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046515.D
Acq On : 3 Sep 2020 14:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 03 15:51:12 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	99183	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	381263	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	256438	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	598423	20.00	ng	0.00
76) Chrysene-d12	21.56	240	575546	20.00	ng	0.00
86) Perylene-d12	24.66	264	636503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	408460	72.94	ng	0.00
7) Phenol-d6	7.10	99	565989	71.30	ng	0.00
23) Nitrobenzene-d5	9.09	82	495283	74.25	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	246181	70.85	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1225805	72.97	ng	0.00
79) Terphenyl-d14	19.92	244	1911539	70.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	84281	36.177	ng	97
3) Pyridine	3.81	79	246215	36.121	ng	99
4) n-Nitrosodimethylamine	3.73	42	96572	38.413	ng	99
6) Aniline	7.26	93	317485	35.541	ng	99
8) 2-Chlorophenol	7.50	128	212017	35.823	ng	99
9) Benzaldehyde	7.07	77	164773	37.048	ng	96
10) Phenol	7.13	94	262304	35.875	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	212507	36.158	ng	100
12) 1,3-Dichlorobenzene	7.82	146	271223	36.095	ng	99
13) 1,4-Dichlorobenzene	7.97	146	272058	36.165	ng	98
14) 1,2-Dichlorobenzene	8.28	146	259436	35.967	ng	99
15) Benzyl Alcohol	8.17	79	189377	37.158	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	340172	37.315	ng	99
17) 2-Methylphenol	8.38	107	185998	35.870	ng	98
18) Hexachloroethane	9.01	117	94421	37.018	ng	96
19) n-Nitroso-di-n-propylamine	8.74	70	172131	36.250	ng	97
20) 3+4-Methylphenols	8.71	107	260622	36.414	ng	99
22) Acetophenone	8.75	105	336214	36.227	ng	99
24) Nitrobenzene	9.13	77	245163	37.201	ng	97
25) Isophorone	9.65	82	451789	36.942	ng	98
26) 2-Nitrophenol	9.84	139	131895	37.933	ng	97
27) 2,4-Dimethylphenol	9.91	122	175252	36.646	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	294161	37.370	ng	99
29) 2,4-Dichlorophenol	10.38	162	239861	37.624	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	276505	36.554	ng	98
31) Naphthalene	10.78	128	679403	36.496	ng	99
32) Benzoic acid	10.06	122	100217	32.437	ng	97
33) 4-Chloroaniline	10.88	127	299461	36.481	ng	98
34) Hexachlorobutadiene	11.07	225	182740	37.215	ng	99
35) Caprolactam	11.66	113	81129	34.044	ng	91
36) 4-Chloro-3-methylphenol	12.01	107	229038	36.732	ng	96
37) 2-Methylnaphthalene	12.38	142	529636	36.075	ng	99
38) 1-Methylnaphthalene	12.60	142	498789	35.866	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	318399	37.652	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	149726	40.719 ng	97
43) 2,4,6-Trichlorophenol	13.00	196	213759	37.458 ng	100
44) 2,4,5-Trichlorophenol	13.07	196	219894	36.675 ng	99
46) 1,1'-Biphenyl	13.40	154	663172	37.170 ng	99
47) 2-Chloronaphthalene	13.44	162	553309	36.577 ng	99
48) 2-Nitroaniline	13.64	65	160436	38.195 ng	97
49) Acenaphthylene	14.28	152	838076	36.523 ng	100
50) Dimethylphthalate	14.02	163	707433	35.658 ng	100
51) 2,6-Dinitrotoluene	14.13	165	160866	36.784 ng	99
52) Acenaphthene	14.63	154	518620	36.472 ng	98
53) 3-Nitroaniline	14.46	138	170065	35.900 ng	99
54) 2,4-Dinitrophenol	14.67	184	95456	37.394 ng	95
55) Dibenzofuran	14.96	168	822817	36.057 ng	100
56) 4-Nitrophenol	14.78	139	123601	35.453 ng	98
57) 2,4-Dinitrotoluene	14.92	165	225911	36.228 ng	96
58) Fluorene	15.61	166	674038	35.192 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	212259	36.456 ng	97
60) Diethylphthalate	15.38	149	690068	35.675 ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	376877	35.729 ng	98
62) 4-Nitroaniline	15.63	138	174984	35.008 ng	98
63) Azobenzene	15.90	77	568903	36.156 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	133767	39.493 ng	95
66) n-Nitrosodiphenylamine	15.82	169	604264	37.429 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	264845	37.934 ng	99
68) Hexachlorobenzene	16.62	284	283304	36.640 ng	99
69) Atrazine	16.77	200	240551	36.524 ng	99
70) Pentachlorophenol	16.96	266	156853	38.827 ng	97
71) Phenanthrene	17.35	178	1099323	36.243 ng	100
72) Anthracene	17.44	178	1073917	35.885 ng	99
73) Carbazole	17.71	167	1000317	35.402 ng	100
74) Di-n-butylphthalate	18.27	149	1184833	36.466 ng	100
75) Fluoranthene	19.36	202	1361129	34.870 ng	100
77) Benzidine	19.53	184	447069	33.428 ng	99
78) Pyrene	19.72	202	1362979	37.189 ng	99
80) Butylbenzylphthalate	20.61	149	546286	38.213 ng	97
81) Benzo(a)anthracene	21.53	228	1309941	36.515 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	498666	37.457 ng	100
83) Chrysene	21.60	228	1257186	36.432 ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	752007	38.547 ng	99
85) Di-n-octyl phthalate	22.63	149	1305844	39.092 ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1627038	35.591 ng	100
88) Benzo(b)fluoranthene	23.68	252	1412230	35.533 ng	97
89) Benzo(k)fluoranthene	23.74	252	1316732	34.280 ng	99
90) Benzo(a)pyrene	24.51	252	1320341	35.598 ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1309272	35.491 ng	99
92) Benzo(g,h,i)perylene	29.28	276	1306450	35.464 ng	97

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

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