Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046188.D
Acq On : 7 Aug 2020 11:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 07 13:39:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	101096	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	373074	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	249010	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	593947	20.00	ng	0.00
76) Chrysene-d12	21.57	240	636356	20.00	ng	0.00
86) Perylene-d12	24.67	264	695173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	469904	80.80	ng	0.00
7) Phenol-d6	7.12	99	647037	81.64	ng	0.00
23) Nitrobenzene-d5	9.10	82	554805	80.52	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	359122	93.89	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1395233	81.39	ng	0.00
79) Terphenyl-d14	19.94	244	2297106	73.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	103626	39.148	ng	94
3) Pyridine	3.84	79	286502	39.317	ng	94
4) n-Nitrosodimethylamine	3.76	42	113591	36.627	ng	91
6) Aniline	7.27	93	378869	40.157	ng	99
8) 2-Chlorophenol	7.52	128	256628	39.925	ng	99
9) Benzaldehyde	7.09	77	175910	37.403	ng	97
10) Phenol	7.15	94	320695	40.271	ng	94
11) bis(2-Chloroethyl)ether	7.37	93	249592	39.404	ng	98
12) 1,3-Dichlorobenzene	7.84	146	316678	40.646	ng	98
13) 1,4-Dichlorobenzene	7.99	146	312719	39.972	ng	98
14) 1,2-Dichlorobenzene	8.31	146	292559	39.650	ng	97
15) Benzyl Alcohol	8.19	79	227146	41.484	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	377927	36.392	ng	98
17) 2-Methylphenol	8.39	107	224205	41.703	ng	96
18) Hexachloroethane	9.04	117	104137	39.800	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	205745	39.886	ng	98
20) 3+4-Methylphenols	8.72	107	304234	41.344	ng	99
22) Acetophenone	8.77	105	388032	40.528	ng	95
24) Nitrobenzene	9.15	77	287158	39.088	ng	96
25) Isophorone	9.67	82	571691	41.696	ng	99
26) 2-Nitrophenol	9.86	139	152862	45.911	ng	96
27) 2,4-Dimethylphenol	9.92	122	231159	42.673	ng	98
28) bis(2-Chloroethoxy)methane	10.15	93	299701	40.200	ng	98
29) 2,4-Dichlorophenol	10.39	162	283917	44.556	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	308887	41.379	ng	98
31) Naphthalene	10.80	128	805909	40.826	ng	99
32) Benzoic acid	10.06	122	168279	43.381	ng	93
33) 4-Chloroaniline	10.90	127	345388	42.817	ng	97
34) Hexachlorobutadiene	11.09	225	207848	41.827	ng	98
35) Caprolactam	11.67	113	95907	45.984	ng	97
36) 4-Chloro-3-methylphenol	12.03	107	270765	43.299	ng	95
37) 2-Methylnaphthalene	12.40	142	635617	41.846	ng	99
38) 1-Methylnaphthalene	12.62	142	605354	42.116	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	369943	41.234	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	207939	40.406 ng	98
43) 2,4,6-Trichlorophenol	13.01	196	253194	44.233 ng	98
44) 2,4,5-Trichlorophenol	13.08	196	272845	43.687 ng	96
46) 1,1'-Biphenyl	13.41	154	795118	40.704 ng	99
47) 2-Chloronaphthalene	13.45	162	624894	40.104 ng	99
48) 2-Nitroaniline	13.65	65	172278	42.181 ng	96
49) Acenaphthylene	14.30	152	1003217	41.463 ng	99
50) Dimethylphthalate	14.03	163	802330	41.981 ng	99
51) 2,6-Dinitrotoluene	14.14	165	190172	42.755 ng	91
52) Acenaphthene	14.64	154	673266	42.162 ng	100
53) 3-Nitroaniline	14.47	138	193242	43.823 ng	97
54) 2,4-Dinitrophenol	14.68	184	110162	42.705 ng	98
55) Dibenzofuran	14.98	168	1001916	41.581 ng	99
56) 4-Nitrophenol	14.78	139	168139	43.918 ng	98
57) 2,4-Dinitrotoluene	14.93	165	275596	45.065 ng	93
58) Fluorene	15.62	166	812946	41.661 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	263689	44.824 ng	97
60) Diethylphthalate	15.40	149	776702	41.312 ng	97
61) 4-Chlorophenyl-phenylether	15.62	204	428027	41.998 ng	98
62) 4-Nitroaniline	15.64	138	200882	45.296 ng	94
63) Azobenzene	15.91	77	697770	39.601 ng	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	173227	44.100 ng	86
66) n-Nitrosodiphenylamine	15.83	169	739933	41.156 ng	99
67) 4-Bromophenyl-phenylether	16.51	248	310938	42.375 ng	97
68) Hexachlorobenzene	16.63	284	346573	42.122 ng	95
69) Atrazine	16.78	200	294428	42.529 ng	99
70) Pentachlorophenol	16.98	266	234469	43.919 ng	98
71) Phenanthrene	17.36	178	1323546	40.680 ng	99
72) Anthracene	17.45	178	1329548	41.083 ng	99
73) Carbazole	17.72	167	1301696	41.714 ng	100
74) Di-n-butylphthalate	18.29	149	1354314	41.520 ng	99
75) Fluoranthene	19.37	202	1670076	41.116 ng	98
77) Benzidine	19.55	184	717138	39.785 ng	99
78) Pyrene	19.73	202	1687487	39.467 ng	98
80) Butylbenzylphthalate	20.62	149	647898	41.831 ng	97
81) Benzo(a)anthracene	21.55	228	1697986	39.872 ng	99
82) 3,3'-Dichlorobenzidine	21.46	252	744318	42.090 ng	99
83) Chrysene	21.61	228	1638366	39.274 ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	879428	39.715 ng	97
85) Di-n-octyl phthalate	22.65	149	1558707	41.574 ng	98
87) Indeno(1,2,3-cd)pyrene	28.19	276	2181534	41.147 ng	99
88) Benzo(b)fluoranthene	23.69	252	1898597	40.756 ng	99
89) Benzo(k)fluoranthene	23.76	252	1790802	39.193 ng	99
90) Benzo(a)pyrene	24.53	252	1771081	40.857 ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1811280	40.867 ng	98
92) Benzo(g,h,i)perylene	29.29	276	1810640	40.451 ng	98

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

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