Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073020\
Data File : BG046110.D
Acq On : 30 Jul 2020 14:33
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Jul 30 16:45:46 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 16:37:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	96088	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	378391	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	246159	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	570172	20.00	ng		0.00
76) Chrysene-d12	21.57	240	622228	20.00	ng		0.00
86) Perylene-d12	24.68	264	657064	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	110839	18.71	ng		0.00
7) Phenol-d6	7.11	99	156545	18.35	ng		0.00
23) Nitrobenzene-d5	9.11	82	138355	21.05	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	73765	32.29	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	368746	23.37	ng		0.00
79) Terphenyl-d14	19.94	244	688261	24.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	25615	9.370	ng		96
3) Pyridine	3.84	79	68622	8.302	ng		97
4) n-Nitrosodimethylamine	3.76	42	28677	10.260	ng		100
6) Aniline	7.28	93	92130	8.442	ng		98
8) 2-Chlorophenol	7.52	128	63383	9.937	ng		96
9) Benzaldehyde	7.09	77	49478	9.154	ng		96
10) Phenol	7.14	94	79325	9.270	ng		93
11) bis(2-Chloroethyl)ether	7.37	93	63258	8.940	ng		96
12) 1,3-Dichlorobenzene	7.85	146	77007	10.474	ng		98
13) 1,4-Dichlorobenzene	7.99	146	78442	10.846	ng		97
14) 1,2-Dichlorobenzene	8.31	146	74849	10.753	ng		100
15) Benzyl Alcohol	8.19	79	50221	7.508	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	103698	11.232	ng		98
17) 2-Methylphenol	8.40	107	52129	8.119	ng		94
18) Hexachloroethane	9.04	117	25711	9.239	ng		97
19) n-Nitroso-di-n-propylamine	8.75	70	51005	8.511	ng		94
20) 3+4-Methylphenols	8.72	107	71112	8.126	ng		97
22) Acetophenone	8.77	105	96536	9.550	ng	#	96
24) Nitrobenzene	9.15	77	73897	10.184	ng		99
25) Isophorone	9.67	82	134435	8.377	ng		99
26) 2-Nitrophenol	9.86	139	28845	12.196	ng		97
27) 2,4-Dimethylphenol	9.92	122	52391	9.171	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	76213	8.457	ng		100
29) 2,4-Dichlorophenol	10.40	162	61786	10.448	ng		93
30) 1,2,4-Trichlorobenzene	10.62	180	76384	11.658	ng		98
31) Naphthalene	10.80	128	206713	10.191	ng		99
32) Benzoic acid	10.01	122	13909	4.497	ng		94
33) 4-Chloroaniline	10.90	127	78627	8.674	ng		98
34) Hexachlorobutadiene	11.10	225	50147	13.108	ng		99
35) Caprolactam	11.65	113	19436	8.657	ng		91
36) 4-Chloro-3-methylphenol	12.03	107	59727	8.868	ng		96
37) 2-Methylnaphthalene	12.41	142	156996	10.888	ng		98
38) 1-Methylnaphthalene	12.63	142	150772	11.079	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	88390	12.738	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	47519	11.541	ng		97
43) 2,4,6-Trichlorophenol	13.01	196	52286	11.142	ng		99
44) 2,4,5-Trichlorophenol	13.08	196	57078	10.757	ng		96
46) 1,1'-Biphenyl	13.41	154	199567	10.777	ng		94
47) 2-Chloronaphthalene	13.45	162	158640	10.858	ng		99
48) 2-Nitroaniline	13.65	65	36493	10.672	ng		94
49) Acenaphthylene	14.30	152	247370	10.494	ng		98
50) Dimethylphthalate	14.03	163	195041	10.558	ng		97
51) 2,6-Dinitrotoluene	14.14	165	42382	14.785	ng		96
52) Acenaphthene	14.64	154	155765	10.476	ng		99
53) 3-Nitroaniline	14.47	138	39971	11.252	ng		97
54) 2,4-Dinitrophenol	14.68	184	14437	14.278	ng	#	83
55) Dibenzofuran	14.98	168	251870	11.556	ng		97
56) 4-Nitrophenol	14.78	139	30911	10.270	ng		97
57) 2,4-Dinitrotoluene	14.93	165	55895	15.781	ng		93
58) Fluorene	15.63	166	205757	11.508	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.21	232	56913	13.892	ng		98
60) Diethylphthalate	15.40	149	193314	9.978	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	104779	11.779	ng		98
62) 4-Nitroaniline	15.63	138	41534	10.878	ng		98
63) Azobenzene	15.92	77	179963	8.655	ng		98
65) 4,6-Dinitro-2-methylphenol	15.70	198	29655	17.758	ng		88
66) n-Nitrosodiphenylamine	15.83	169	179437	10.156	ng		100
67) 4-Bromophenyl-phenylether	16.52	248	70720	11.105	ng		94
68) Hexachlorobenzene	16.63	284	80813	12.646	ng		97
69) Atrazine	16.78	200	65738	12.584	ng		96
70) Pentachlorophenol	16.97	266	44189	12.438	ng		95
71) Phenanthrene	17.36	178	337467	11.195	ng		96
72) Anthracene	17.46	178	332229	10.860	ng		96
73) Carbazole	17.72	167	317726	10.362	ng		96
74) Di-n-butylphthalate	18.30	149	330616	8.923	ng		96
75) Fluoranthene	19.37	202	433291	12.434	ng		96
77) Benzidine	19.55	184	155886	8.762	ng		98
78) Pyrene	19.73	202	453524	10.678	ng		95
80) Butylbenzylphthalate	20.63	149	142881	7.119	ng		93
81) Benzo(a)anthracene	21.55	228	441736	10.797	ng		95
82) 3,3'-Dichlorobenzidine	21.47	252	165671	10.958	ng		98
83) Chrysene	21.62	228	434998	11.160	ng		94
84) Bis(2-ethylhexyl)phthalate	21.48	149	216944	7.446	ng		96
85) Di-n-octyl phthalate	22.66	149	348936	6.901	ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	490492	10.204	ng	#	94
88) Benzo(b)fluoranthene	23.70	252	448324	10.748	ng		96
89) Benzo(k)fluoranthene	23.76	252	451505	11.448	ng		96
90) Benzo(a)pyrene	24.53	252	412879	10.527	ng		99
91) Dibenzo(a,h)anthracene	28.25	278	419565	10.822	ng		96
92) Benzo(g,h,i)perylene	29.28	276	419061	10.741	ng		98

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

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