Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
Data File : BG045373.D
Acq On : 14 May 2020 11:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 14 13:05:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 13:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	61388	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	257921	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	185081	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	442120	20.00	ng		0.00
76) Chrysene-d12	21.63	240	386033	20.00	ng		0.00
87) Perylene-d12	24.79	264	415618	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	299610	80.58	ng		0.00
7) Phenol-d6	7.15	99	437792	79.24	ng		0.00
23) Nitrobenzene-d5	9.13	82	442170	78.22	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	220525	77.13	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1004282	79.57	ng		0.00
79) Terphenyl-d14	19.98	244	1636233	92.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	66385	40.173	ng		99
3) Pyridine	3.82	79	200067	39.322	ng		97
4) n-Nitrosodimethylamine	3.74	42	63541	40.767	ng		95
6) Aniline	7.29	93	285576	39.757	ng		98
8) 2-Chlorophenol	7.54	128	166506	41.666	ng		97
9) Benzaldehyde	7.11	77	142445	48.512	ng		97
10) Phenol	7.17	94	225774	40.840	ng		98
11) bis(2-Chloroethyl)ether	7.39	93	173011	39.307	ng		97
12) 1,3-Dichlorobenzene	7.86	146	195562	41.529	ng		95
13) 1,4-Dichlorobenzene	8.01	146	195684	41.704	ng		97
14) 1,2-Dichlorobenzene	8.33	146	187273	41.718	ng		97
15) Benzyl Alcohol	8.21	79	184687	39.873	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	169336	39.192	ng		98
17) 2-Methylphenol	8.43	107	172567	40.458	ng		94
18) Hexachloroethane	9.06	117	74887	42.454	ng		98
19) n-Nitroso-di-n-propylamine	8.78	70	157468	40.304	ng		98
20) 3+4-Methylphenols	8.76	107	235636	39.468	ng		97
22) Acetophenone	8.80	105	294571	42.233	ng	#	96
24) Nitrobenzene	9.18	77	238065	41.087	ng		96
25) Isophorone	9.70	82	447039	38.619	ng		98
26) 2-Nitrophenol	9.89	139	105139	42.126	ng		94
27) 2,4-Dimethylphenol	9.96	122	153882	38.858	ng		94
28) bis(2-Chloroethoxy)methane	10.18	93	235119	38.658	ng		96
29) 2,4-Dichlorophenol	10.44	162	181378	39.665	ng		94
30) 1,2,4-Trichlorobenzene	10.65	180	210500	40.659	ng		96
31) Naphthalene	10.84	128	567055	40.190	ng		99
32) Benzoic acid	10.11	122	109973	36.185	ng		93
33) 4-Chloroaniline	10.94	127	244355	37.135	ng		97
34) Hexachlorobutadiene	11.13	225	146126	41.167	ng		98
35) Caprolactam	11.71	113	69865	38.389	ng		88
36) 4-Chloro-3-methylphenol	12.08	107	209261	38.956	ng		99
37) 2-Methylnaphthalene	12.45	142	430582	39.317	ng		97
38) 1-Methylnaphthalene	12.66	142	400344	38.723	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	232507	39.017	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	141211	37.914	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	169641	40.336	ng		96
44) 2,4,5-Trichlorophenol	13.13	196	191726	40.049	ng		99
46) 1,1'-Biphenyl	13.45	154	524731	37.301	ng		100
47) 2-Chloronaphthalene	13.50	162	431157	40.112	ng		99
48) 2-Nitroaniline	13.69	65	144625	40.894	ng		96
49) Acenaphthylene	14.34	152	695285	39.711	ng		100
50) Dimethylphthalate	14.07	163	595537	39.518	ng		98
51) 2,6-Dinitrotoluene	14.19	165	133217	39.521	ng		98
52) Acenaphthene	14.68	154	470424m	39.711	ng		
53) 3-Nitroaniline	14.52	138	138674	37.511	ng		95
54) 2,4-Dinitrophenol	14.72	184	80765	40.295	ng		95
55) Dibenzofuran	15.02	168	689672	39.933	ng		97
56) 4-Nitrophenol	14.84	139	108600	37.886	ng		97
57) 2,4-Dinitrotoluene	14.98	165	196281	39.846	ng		98
58) Fluorene	15.67	166	567226	40.209	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	167471	39.316	ng	#	98
60) Diethylphthalate	15.44	149	615203	39.155	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	329784	40.614	ng		99
62) 4-Nitroaniline	15.68	138	145924	38.056	ng		96
63) Azobenzene	15.95	77	573618	39.598	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	124369	42.796	ng		98
66) n-Nitrosodiphenylamine	15.88	169	499335	39.309	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	226092	39.640	ng		98
68) Hexachlorobenzene	16.68	284	235280	39.774	ng		100
69) Atrazine	16.83	200	208288	44.950	ng		99
70) Pentachlorophenol	17.02	266	129254	35.618	ng		98
71) Phenanthrene	17.41	178	906336	39.893	ng		98
72) Anthracene	17.50	178	904282	39.679	ng		99
73) Carbazole	17.77	167	881643	38.121	ng		97
74) Di-n-butylphthalate	18.33	149	1058578	41.588	ng		99
75) Fluoranthene	19.42	202	1091680	40.226	ng		99
77) Benzidine	19.59	184	525177	47.271	ng		99
78) Pyrene	19.78	202	1089204	40.927	ng		98
80) Butylbenzylphthalate	20.67	149	449801	40.774	ng		99
81) Benzo(a)anthracene	21.61	228	999519	39.948	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	395853	39.749	ng		99
83) Chrysene	21.68	228	960086	39.937	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	612211	40.351	ng		97
85) Di-n-octyl phthalate	22.72	149	1028296	39.193	ng		99
86) Indeno(1,2,3-cd)pyrene	28.39	276	1211256	37.949	ng	#	95
88) Benzo(b)fluoranthene	23.79	252	1057366	40.615	ng		99
89) Benzo(k)fluoranthene	23.87	252	993067	40.110	ng		96
90) Benzo(a)pyrene	24.65	252	978385	39.804	ng	#	97
91) Dibenzo(a,h)anthracene	28.45	278	997459	40.272	ng		98
92) Benzo(g,h,i)perylene	29.52	276	984633	39.652	ng		99

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

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