Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
Data File : BG045455.D
Acq On : 26 May 2020 13:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 26 14:21:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 14:16:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	65424	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	258183	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	191578	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	457621	20.00	ng		0.00
76) Chrysene-d12	21.61	240	440924	20.00	ng		0.00
87) Perylene-d12	24.76	264	501946	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	297873	88.98	ng		0.00
7) Phenol-d6	7.18	99	437578	91.84	ng		0.00
23) Nitrobenzene-d5	9.12	82	432939	91.44	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	211876	86.48	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1001319	88.66	ng		0.00
79) Terphenyl-d14	19.97	244	1694177	89.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	73799	44.45	ng		99
3) Pyridine	3.81	79	208765	45.15	ng		98
4) n-Nitrosodimethylamine	3.73	42	67083	44.34	ng		92
6) Aniline	7.29	93	274035	44.06	ng		95
8) 2-Chlorophenol	7.54	128	165761	45.15	ng		97
9) Benzaldehyde	7.09	77	132735	42.76	ng		91
10) Phenol	7.21	94	222348	45.28	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	171128	44.68	ng		98
12) 1,3-Dichlorobenzene	7.85	146	196166	44.46	ng		99
13) 1,4-Dichlorobenzene	7.99	146	194157	44.60	ng		97
14) 1,2-Dichlorobenzene	8.32	146	185653	44.34	ng		99
15) Benzyl Alcohol	8.21	79	174539	44.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	163937	45.09	ng		97
17) 2-Methylphenol	8.45	107	168744	45.91	ng		97
18) Hexachloroethane	9.05	117	73978	44.37	ng		93
19) n-Nitroso-di-n-propylamine	8.77	70	152046	46.15	ng		98
20) 3+4-Methylphenols	8.77	107	221200	44.19	ng	#	61
22) Acetophenone	8.78	105	280853	45.90	ng	#	92
24) Nitrobenzene	9.16	77	223721	44.10	ng		98
25) Isophorone	9.68	82	420637	45.11	ng		98
26) 2-Nitrophenol	9.88	139	103585	47.74	ng		91
27) 2,4-Dimethylphenol	9.97	122	147050	45.69	ng		95
28) bis(2-Chloroethoxy)methane	10.17	93	221746	45.35	ng		97
29) 2,4-Dichlorophenol	10.44	162	178880	47.07	ng		98
30) 1,2,4-Trichlorobenzene	10.64	180	205889	45.85	ng		99
31) Naphthalene	10.82	128	550772	45.78	ng		100
32) Benzoic acid	10.15	122	112785	50.79	ng	#	85
33) 4-Chloroaniline	10.94	127	236784	47.08	ng		96
34) Hexachlorobutadiene	11.11	225	147561	46.48	ng		94
35) Caprolactam	11.70	113	60605	43.44	ng		89
36) 4-Chloro-3-methylphenol	12.10	107	199230	46.52	ng		98
37) 2-Methylnaphthalene	12.43	142	419782	46.81	ng		99
38) 1-Methylnaphthalene	12.65	142	396280	46.78	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	235925	44.09	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	126343	40.91	ng	99
43) 2,4,6-Trichlorophenol	13.05	196	164925	44.37	ng	97
44) 2,4,5-Trichlorophenol	13.14	196	186962	44.01	ng	98
46) 1,1'-Biphenyl	13.44	154	523345	44.46	ng	99
47) 2-Chloronaphthalene	13.48	162	422866	44.24	ng	98
48) 2-Nitroaniline	13.69	65	135569	43.11	ng	90
49) Acenaphthylene	14.33	152	678919	44.22	ng	98
50) Dimethylphthalate	14.06	163	568639	43.27	ng	99
51) 2,6-Dinitrotoluene	14.18	165	131112	44.21	ng	97
52) Acenaphthene	14.67	154	413437	40.23	ng	97
53) 3-Nitroaniline	14.52	138	134890	44.75	ng	98
54) 2,4-Dinitrophenol	14.72	184	65353	36.81	ng	98
55) Dibenzofuran	15.01	168	675046	44.23	ng	98
56) 4-Nitrophenol	14.88	139	96739	42.39	ng	99
57) 2,4-Dinitrotoluene	14.97	165	190211	44.29	ng	98
58) Fluorene	15.65	166	555134	44.27	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	161233	43.14	ng	97
60) Diethylphthalate	15.42	149	586985	42.91	ng	98
61) 4-Chlorophenyl-phenylether	15.65	204	322771	44.98	ng	100
62) 4-Nitroaniline	15.68	138	141796	45.06	ng	97
63) Azobenzene	15.94	77	551346	43.23	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	107896	40.48	ng	94
66) n-Nitrosodiphenylamine	15.86	169	485346	44.17	ng	97
67) 4-Bromophenyl-phenylether	16.54	248	223739	45.15	ng	98
68) Hexachlorobenzene	16.66	284	234798	45.30	ng	98
69) Atrazine	16.82	200	196910	43.51	ng	99
70) Pentachlorophenol	17.02	266	109545	40.71	ng	99
71) Phenanthrene	17.39	178	899359	45.02	ng	99
72) Anthracene	17.49	178	893899	44.56	ng	98
73) Carbazole	17.76	167	874115	44.70	ng	98
74) Di-n-butylphthalate	18.32	149	1027892	43.79	ng	100
75) Fluoranthene	19.41	202	1128840	44.42	ng	99
77) Benzidine	19.58	184	403609	32.59	ng	98
78) Pyrene	19.77	202	1107178	44.05	ng	99
80) Butylbenzylphthalate	20.65	149	459427	42.35	ng	97
81) Benzo(a)anthracene	21.59	228	1109046	45.15	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	414894	43.06	ng	100
83) Chrysene	21.66	228	1056124	44.72	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	656303	44.01	ng	98
85) Di-n-octyl phthalate	22.70	149	1139829	44.50	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1411904	45.72	ng	99
88) Benzo(b)fluoranthene	23.77	252	1173085	43.58	ng	99
89) Benzo(k)fluoranthene	23.84	252	1181600	46.72	ng	99
90) Benzo(a)pyrene	24.62	252	1138583	45.41	ng	96
91) Dibenzo(a,h)anthracene	28.40	278	1140110	45.25	ng	99
92) Benzo(g,h,i)perylene	29.46	276	1132174	44.93	ng	98

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

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