Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
Data File : BG045831.D
Acq On : 23 Jun 2020 8:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 23 09:23:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	48726	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	187491	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	133757	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	315108	20.00	ng		0.00
76) Chrysene-d12	21.58	240	297553	20.00	ng		0.00
86) Perylene-d12	24.71	264	332516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	254202	88.13	ng		-0.01
7) Phenol-d6	7.15	99	375864	85.67	ng		-0.02
23) Nitrobenzene-d5	9.08	82	359165	87.51	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	172248	85.30	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	795743	87.43	ng		0.00
79) Terphenyl-d14	19.94	244	1298977	88.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	54276	41.083	ng		99
3) Pyridine	3.77	79	165743	42.337	ng		97
4) n-Nitrosodimethylamine	3.69	42	59706	45.435	ng		98
6) Aniline	7.25	93	225182	43.587	ng		99
8) 2-Chlorophenol	7.50	128	133775	43.327	ng		96
9) Benzaldehyde	7.05	77	110007	41.744	ng		99
10) Phenol	7.17	94	180750	42.517	ng		96
11) bis(2-Chloroethyl)ether	7.34	93	138371	42.851	ng		95
12) 1,3-Dichlorobenzene	7.81	146	158804	43.160	ng		98
13) 1,4-Dichlorobenzene	7.95	146	158909	43.238	ng		97
14) 1,2-Dichlorobenzene	8.27	146	151954	43.188	ng		96
15) Benzyl Alcohol	8.17	79	152289	44.852	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.44	45	128930	42.365	ng		81
17) 2-Methylphenol	8.41	107	136155	43.035	ng		97
18) Hexachloroethane	9.00	117	60696	43.484	ng		99
19) n-Nitroso-di-n-propylamine	8.73	70	123882	42.947	ng		98
20) 3+4-Methylphenols	8.74	107	181670	43.661	ng	#	71
22) Acetophenone	8.74	105	221102	42.965	ng		96
24) Nitrobenzene	9.13	77	190367	43.503	ng		98
25) Isophorone	9.65	82	341090	42.930	ng		99
26) 2-Nitrophenol	9.84	139	78757	43.199	ng		92
27) 2,4-Dimethylphenol	9.93	122	119820	43.048	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	177508	42.771	ng		99
29) 2,4-Dichlorophenol	10.41	162	142504	43.882	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	168296	43.776	ng		97
31) Naphthalene	10.77	128	440143	42.939	ng		99
32) Benzoic acid	10.12	122	79704	44.873	ng		97
33) 4-Chloroaniline	10.89	127	186697	43.493	ng		99
34) Hexachlorobutadiene	11.06	225	124410	45.503	ng		94
35) Caprolactam	11.67	113	47730	45.419	ng		95
36) 4-Chloro-3-methylphenol	12.06	107	160702	42.860	ng		100
37) 2-Methylnaphthalene	12.39	142	329498	43.168	ng		98
38) 1-Methylnaphthalene	12.60	142	310999	43.056	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	193327	43.895	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	88030	40.796	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	127716	42.770	ng		97
44) 2,4,5-Trichlorophenol	13.11	196	142457	41.858	ng		99
46) 1,1'-Biphenyl	13.40	154	408053	42.611	ng		99
47) 2-Chloronaphthalene	13.44	162	331524	42.857	ng		97
48) 2-Nitroaniline	13.66	65	110649	43.002	ng		97
49) Acenaphthylene	14.29	152	528156	42.626	ng		100
50) Dimethylphthalate	14.03	163	451191	43.059	ng		99
51) 2,6-Dinitrotoluene	14.14	165	100600	42.745	ng		94
52) Acenaphthene	14.63	154	315134	41.960	ng		98
53) 3-Nitroaniline	14.48	138	100343	42.685	ng		93
54) 2,4-Dinitrophenol	14.70	184	52980	45.328	ng		97
55) Dibenzofuran	14.97	168	525492	43.071	ng		98
56) 4-Nitrophenol	14.86	139	61221	38.517	ng		93
57) 2,4-Dinitrotoluene	14.94	165	145602	43.179	ng		99
58) Fluorene	15.62	166	433505	42.730	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	120148	40.675	ng		95
60) Diethylphthalate	15.39	149	461830	43.114	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	254029	43.444	ng		97
62) 4-Nitroaniline	15.66	138	104438	43.289	ng		97
63) Azobenzene	15.91	77	442966	43.068	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	90731	46.592	ng		98
66) n-Nitrosodiphenylamine	15.83	169	376471	42.181	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	176108	43.012	ng		97
68) Hexachlorobenzene	16.63	284	184400	43.432	ng		98
69) Atrazine	16.78	200	144400	41.694	ng		100
70) Pentachlorophenol	16.99	266	69309	37.575	ng		93
71) Phenanthrene	17.36	178	692546	42.614	ng		99
72) Anthracene	17.45	178	693447	42.850	ng		99
73) Carbazole	17.73	167	662981	43.025	ng		99
74) Di-n-butylphthalate	18.28	149	785852	43.072	ng		100
75) Fluoranthene	19.38	202	859150	42.992	ng		100
77) Benzidine	19.56	184	280379	36.246	ng		98
78) Pyrene	19.74	202	872395	43.783	ng		99
80) Butylbenzylphthalate	20.62	149	363620	43.599	ng		98
81) Benzo(a)anthracene	21.56	228	835188	43.293	ng		100
82) 3,3'-Dichlorobenzidine	21.47	252	312516	42.827	ng		98
83) Chrysene	21.62	228	802162	42.990	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	507239	43.724	ng	#	97
85) Di-n-octyl phthalate	22.64	149	866225	43.288	ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1044030	43.310	ng		99
88) Benzo(b)fluoranthene	23.72	252	890404	42.708	ng		99
89) Benzo(k)fluoranthene	23.78	252	862645	43.232	ng		98
90) Benzo(a)pyrene	24.56	252	841416	43.204	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	852584	44.105	ng		98
92) Benzo(g,h,i)perylene	29.36	276	832155	43.009	ng		97

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

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