Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044498.D
Acq On : 19 Feb 2020 20:44
Operator : CG/JU
Sample : L1558-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0168-COMP-CM-AMSD

Quant Time: Feb 20 08:02:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	55072	20.00	ng		-0.02
21) Naphthalene-d8	10.69	136	223921	20.00	ng		-0.01
39) Acenaphthene-d10	14.53	164	147155	20.00	ng		-0.02
64) Phenanthrene-d10	17.28	188	344334	20.00	ng		-0.01
76) Chrysene-d12	21.52	240	350692	20.00	ng		-0.02
87) Perylene-d12	24.60	264	379608	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	351828	112.75	ng		0.00
7) Phenol-d6	7.07	99	456710	108.99	ng		-0.01
23) Nitrobenzene-d5	9.05	82	267569	67.46	ng		-0.02
42) 2,4,6-Tribromophenol	16.02	330	199474	115.47	ng		-0.01
45) 2-Fluorobiphenyl	13.15	172	589579	67.09	ng		-0.01
79) Terphenyl-d14	19.89	244	1008451	59.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	59767	42.629	ng		98
3) Pyridine	3.75	79	157095	42.057	ng		99
4) n-Nitrosodimethylamine	3.66	42	72441	46.410	ng		99
6) Aniline	7.21	93	66300	12.747	ng		98
8) 2-Chlorophenol	7.46	128	176255	51.393	ng		99
9) Benzaldehyde	7.02	77	72766	30.490	ng		97
10) Phenol	7.10	94	213602	51.507	ng		99
11) bis(2-Chloroethyl)ether	7.31	93	157537	44.433	ng		98
12) 1,3-Dichlorobenzene	7.78	146	184562	45.073	ng		98
13) 1,4-Dichlorobenzene	7.92	146	184445	45.480	ng		97
14) 1,2-Dichlorobenzene	8.24	146	174222	45.449	ng		99
15) Benzyl Alcohol	8.13	79	139551	47.039	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	201675	42.027	ng		98
17) 2-Methylphenol	8.34	107	141899	47.958	ng		98
18) Hexachloroethane	8.98	117	66277	43.550	ng		94
19) n-Nitroso-di-n-propylamine	8.69	70	120051	42.988	ng		96
20) 3+4-Methylphenols	8.67	107	198908	48.779	ng		98
22) Acetophenone	8.71	105	228333	41.917	ng	#	99
24) Nitrobenzene	9.09	77	172738	44.611	ng		99
25) Isophorone	9.62	82	334475	45.244	ng		99
26) 2-Nitrophenol	9.80	139	100813	50.176	ng		98
27) 2,4-Dimethylphenol	9.87	122	160385	56.550	ng		98
28) bis(2-Chloroethoxy)methane	10.10	93	206537	41.880	ng		99
29) 2,4-Dichlorophenol	10.34	162	170932	49.843	ng		97
30) 1,2,4-Trichlorobenzene	10.56	180	170552	43.372	ng		99
31) Naphthalene	10.74	128	501092	46.124	ng		99
33) 4-Chloroaniline	10.85	127	56473	11.430	ng		98
34) Hexachlorobutadiene	11.04	225	99941	41.304	ng		97
35) Caprolactam	11.61	113	74962	59.671	ng		99
36) 4-Chloro-3-methylphenol	11.99	107	178583	49.668	ng		99
37) 2-Methylnaphthalene	12.35	142	364021	45.129	ng		99
38) 1-Methylnaphthalene	12.57	142	346010	45.499	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	183309	41.643	ng		99
41) Hexachlorocyclopentadiene	12.71	237	191962	90.884	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.96	196	141975	49.899	ng		98
44) 2,4,5-Trichlorophenol	13.04	196	156651	53.903	ng		98
46) 1,1'-Biphenyl	13.36	154	464828	43.792	ng		97
47) 2-Chloronaphthalene	13.41	162	365376	43.258	ng		100
48) 2-Nitroaniline	13.61	65	111770	44.839	ng		97
49) Acenaphthylene	14.25	152	592023	47.788	ng		99
50) Dimethylphthalate	13.99	163	508806	48.101	ng		98
51) 2,6-Dinitrotoluene	14.10	165	109951	46.619	ng		96
52) Acenaphthene	14.59	154	354018	44.087	ng		97
53) 3-Nitroaniline	14.43	138	37130	14.230	ng		97
54) 2,4-Dinitrophenol	14.65	184	39628	33.278	ng		97
55) Dibenzofuran	14.93	168	563369	46.338	ng		99
56) 4-Nitrophenol	14.76	139	211403	110.603	ng		96
57) 2,4-Dinitrotoluene	14.90	165	154611	46.772	ng		95
58) Fluorene	15.58	166	450863	47.084	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	147846	56.322	ng		98
60) Diethylphthalate	15.35	149	489285	46.421	ng		99
61) 4-Chlorophenyl-phenylether	15.57	204	235517	45.361	ng		99
62) 4-Nitroaniline	15.60	138	120967	46.395	ng		97
63) Azobenzene	15.87	77	430343	46.586	ng		99
65) 4,6-Dinitro-2-methylphenol	15.67	198	73953	38.908	ng		94
66) n-Nitrosodiphenylamine	15.79	169	430296	44.591	ng		99
67) 4-Bromophenyl-phenylether	16.47	248	159758	42.585	ng		99
68) Hexachlorobenzene	16.59	284	174981	41.633	ng		99
69) Atrazine	16.74	200	176005	53.214	ng		99
70) Pentachlorophenol	16.94	266	107386	51.684	ng		97
71) Phenanthrene	17.32	178	772225	46.314	ng		98
72) Anthracene	17.41	178	791419	48.009	ng		98
73) Carbazole	17.68	167	741321	48.781	ng		99
74) Di-n-butylphthalate	18.24	149	922036	49.097	ng		99
75) Fluoranthene	19.33	202	947551	49.125	ng		99
77) Benzidine	19.51	184	247661	25.460	ng		98
78) Pyrene	19.69	202	958408	42.555	ng		98
80) Butylbenzylphthalate	20.58	149	436576	42.538	ng		97
81) Benzo(a)anthracene	21.50	228	947436	43.835	ng		98
82) 3,3'-Dichlorobenzidine	21.42	252	134652	16.052	ng		100
83) Chrysene	21.57	228	909490	43.534	ng		98
84) Bis(2-ethylhexyl)phthalate	21.43	149	620812	43.946	ng		99
85) Di-n-octyl phthalate	22.58	149	1079344	44.159	ng		99
86) Indeno(1,2,3-cd)pyrene	28.09	276	1166133	42.784	ng	#	91
88) Benzo(b)fluoranthene	23.63	252	977017	44.665	ng		100
89) Benzo(k)fluoranthene	23.69	252	988370	46.360	ng		99
90) Benzo(a)pyrene	24.46	252	922141	44.587	ng		99
91) Dibenzo(a,h)anthracene	28.15	278	962865	47.042	ng		99
92) Benzo(g,h,i)perylene	29.18	276	980983	47.876	ng		98

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

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