Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044497.D
Acq On : 19 Feb 2020 20:04
Operator : CG/JU
Sample : L1558-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 20 08:00:38 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	55864	20.00	ng		-0.02
21) Naphthalene-d8	10.69	136	229077	20.00	ng		-0.01
39) Acenaphthene-d10	14.53	164	150685	20.00	ng		-0.02
64) Phenanthrene-d10	17.28	188	362733	20.00	ng		-0.01
76) Chrysene-d12	21.52	240	363504	20.00	ng		-0.02
87) Perylene-d12	24.60	264	390330	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	344948	108.98	ng		0.00
7) Phenol-d6	7.07	99	446809	105.12	ng		-0.01
23) Nitrobenzene-d5	9.05	82	258587	63.73	ng		-0.02
42) 2,4,6-Tribromophenol	16.03	330	198781	112.37	ng		0.00
45) 2-Fluorobiphenyl	13.15	172	580159	64.47	ng		-0.01
79) Terphenyl-d14	19.89	244	996032	56.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	62116	43.676	ng		97
3) Pyridine	3.74	79	163116	43.050	ng		97
4) n-Nitrosodimethylamine	3.66	42	74618	47.127	ng		99
6) Aniline	7.21	93	65414	12.398	ng		99
8) 2-Chlorophenol	7.46	128	182394	52.429	ng		98
9) Benzaldehyde	7.03	77	75087	31.016	ng		97
10) Phenol	7.10	94	220055	52.310	ng		99
11) bis(2-Chloroethyl)ether	7.31	93	161792	44.987	ng		96
12) 1,3-Dichlorobenzene	7.78	146	190517	45.868	ng		98
13) 1,4-Dichlorobenzene	7.92	146	192956	46.904	ng		98
14) 1,2-Dichlorobenzene	8.24	146	180743	46.482	ng		100
15) Benzyl Alcohol	8.13	79	146769	48.771	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.42	45	214082	43.980	ng		98
17) 2-Methylphenol	8.34	107	150579	50.170	ng		97
18) Hexachloroethane	8.97	117	69319	44.903	ng		99
19) n-Nitroso-di-n-propylamine	8.69	70	124373	43.904	ng		98
20) 3+4-Methylphenols	8.67	107	205183	49.604	ng		99
22) Acetophenone	8.71	105	238106	42.727	ng	#	98
24) Nitrobenzene	9.09	77	178971	45.181	ng		99
25) Isophorone	9.62	82	346492	45.815	ng		99
26) 2-Nitrophenol	9.80	139	103826	50.513	ng		98
27) 2,4-Dimethylphenol	9.87	122	165366	56.994	ng		98
28) bis(2-Chloroethoxy)methane	10.10	93	214225	42.462	ng		99
29) 2,4-Dichlorophenol	10.34	162	176762	50.383	ng		98
30) 1,2,4-Trichlorobenzene	10.56	180	177707	44.175	ng		100
31) Naphthalene	10.74	128	517296	46.544	ng		99
33) 4-Chloroaniline	10.85	127	54038	10.691	ng		98
34) Hexachlorobutadiene	11.03	225	105004	42.420	ng		98
35) Caprolactam	11.61	113	78679	61.220	ng		98
36) 4-Chloro-3-methylphenol	11.99	107	189182	51.431	ng		99
37) 2-Methylnaphthalene	12.35	142	379831	46.029	ng		99
38) 1-Methylnaphthalene	12.57	142	363072	46.668	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	192916	42.799	ng		99
41) Hexachlorocyclopentadiene	12.71	237	199780	92.370	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.97	196	151513	52.003 ng	99
44) 2,4,5-Trichlorophenol	13.04	196	166176	55.841 ng	98
46) 1,1'-Biphenyl	13.36	154	489740	45.058 ng	98
47) 2-Chloronaphthalene	13.41	162	381784	44.142 ng	98
48) 2-Nitroaniline	13.61	65	118118	46.275 ng	97
49) Acenaphthylene	14.25	152	615609	48.527 ng	99
50) Dimethylphthalate	13.99	163	533463	49.250 ng	99
51) 2,6-Dinitrotoluene	14.10	165	115262	47.726 ng	97
52) Acenaphthene	14.60	154	376333	45.768 ng	99
53) 3-Nitroaniline	14.43	138	36902	13.811 ng	99
54) 2,4-Dinitrophenol	14.65	184	47155	37.436 ng	97
55) Dibenzofuran	14.93	168	594744	47.773 ng	98
56) 4-Nitrophenol	14.76	139	227020	115.992 ng	93
57) 2,4-Dinitrotoluene	14.89	165	164197	48.508 ng	98
58) Fluorene	15.58	166	479114	48.862 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	156829	58.344 ng	97
60) Diethylphthalate	15.35	149	519782	48.159 ng	98
61) 4-Chlorophenyl-phenylether	15.57	204	247325	46.519 ng	99
62) 4-Nitroaniline	15.60	138	129215	48.397 ng	96
63) Azobenzene	15.87	77	456589	48.269 ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	78053	38.982 ng	99
66) n-Nitrosodiphenylamine	15.79	169	460110	45.262 ng	98
67) 4-Bromophenyl-phenylether	16.47	248	167516	42.388 ng	99
68) Hexachlorobenzene	16.59	284	185920	41.992 ng	97
69) Atrazine	16.74	200	190612	54.707 ng	98
70) Pentachlorophenol	16.94	266	117070	53.377 ng	98
71) Phenanthrene	17.32	178	819005	46.628 ng	99
72) Anthracene	17.41	178	848650	48.870 ng	98
73) Carbazole	17.68	167	793981	49.596 ng	98
74) Di-n-butylphthalate	18.24	149	982036	49.639 ng	99
75) Fluoranthene	19.33	202	1006230	49.521 ng	100
77) Benzidine	19.51	184	268454	26.625 ng	97
78) Pyrene	19.69	202	1015323	43.493 ng	98
80) Butylbenzylphthalate	20.58	149	458668	43.115 ng	99
81) Benzo(a)anthracene	21.50	228	985828	44.004 ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	131542	15.129 ng	99
83) Chrysene	21.57	228	954869	44.095 ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	653564	44.634 ng	99
85) Di-n-octyl phthalate	22.58	149	1134340	44.773 ng	100
86) Indeno(1,2,3-cd)pyrene	28.09	276	1224940	43.358 ng	100
88) Benzo(b)fluoranthene	23.63	252	1031024	45.839 ng	99
89) Benzo(k)fluoranthene	23.69	252	1036617	47.287 ng	99
90) Benzo(a)pyrene	24.46	252	965870	45.418 ng	98
91) Dibenzo(a,h)anthracene	28.15	278	1013557	48.158 ng	99
92) Benzo(g,h,i)perylene	29.18	276	1029445	48.861 ng	99

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

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