Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044502.D
Acq On : 19 Feb 2020 23:21
Operator : CG/JU
Sample : L1575-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-A-DMS

Quant Time: Feb 20 08:11:23 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	61785	20.00	ng		-0.01
21) Naphthalene-d8	10.69	136	247450	20.00	ng		0.00
39) Acenaphthene-d10	14.53	164	160803	20.00	ng		-0.01
64) Phenanthrene-d10	17.27	188	379089	20.00	ng		-0.02
76) Chrysene-d12	21.52	240	382636	20.00	ng		-0.01
87) Perylene-d12	24.60	264	413898	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	445381	127.22	ng		0.00
7) Phenol-d6	7.07	99	581390	123.67	ng		0.00
23) Nitrobenzene-d5	9.05	82	343990	78.48	ng		-0.01
42) 2,4,6-Tribromophenol	16.02	330	257743	136.54	ng		0.00
45) 2-Fluorobiphenyl	13.15	172	774921	80.70	ng		-0.01
79) Terphenyl-d14	19.89	244	1356894	72.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	67607	42.982	ng		98
3) Pyridine	3.74	79	175369	41.848	ng		99
4) n-Nitrosodimethylamine	3.66	42	84701	48.369	ng		99
6) Aniline	7.21	93	141511	24.251	ng		99
8) 2-Chlorophenol	7.46	128	203321	52.844	ng		99
9) Benzaldehyde	7.02	77	85462	31.919	ng		96
10) Phenol	7.09	94	248048	53.314	ng		99
11) bis(2-Chloroethyl)ether	7.31	93	184220	46.314	ng		96
12) 1,3-Dichlorobenzene	7.78	146	216986	47.234	ng		99
13) 1,4-Dichlorobenzene	7.93	146	217528	47.809	ng		99
14) 1,2-Dichlorobenzene	8.24	146	205847	47.865	ng		98
15) Benzyl Alcohol	8.13	79	165035	49.585	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	236867	43.997	ng		98
17) 2-Methylphenol	8.34	107	165722	49.924	ng		99
18) Hexachloroethane	8.97	117	79153	46.360	ng		96
19) n-Nitroso-di-n-propylamine	8.70	70	139921	44.659	ng		99
20) 3+4-Methylphenols	8.67	107	229107	50.080	ng		98
22) Acetophenone	8.71	105	268142	44.544	ng	#	99
24) Nitrobenzene	9.09	77	202470	47.318	ng		99
25) Isophorone	9.61	82	392572	48.054	ng		100
26) 2-Nitrophenol	9.80	139	116627	52.528	ng		99
27) 2,4-Dimethylphenol	9.87	122	186637	59.549	ng		98
28) bis(2-Chloroethoxy)methane	10.10	93	242850	44.561	ng		99
29) 2,4-Dichlorophenol	10.35	162	197106	52.010	ng		99
30) 1,2,4-Trichlorobenzene	10.56	180	202438	46.586	ng		100
31) Naphthalene	10.74	128	580620	48.363	ng		100
33) 4-Chloroaniline	10.85	127	116054	21.255	ng		99
34) Hexachlorobutadiene	11.03	225	119884	44.835	ng		97
35) Caprolactam	11.62	113	87651	63.138	ng		94
36) 4-Chloro-3-methylphenol	11.99	107	212873	53.575	ng		99
37) 2-Methylnaphthalene	12.35	142	428510	48.073	ng		100
38) 1-Methylnaphthalene	12.57	142	405530	48.255	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	214430	44.579	ng		99
41) Hexachlorocyclopentadiene	12.71	237	226723	98.231	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.97	196	162181	52.162 ng	98
44) 2,4,5-Trichlorophenol	13.04	196	177479	55.887 ng	98
46) 1,1'-Biphenyl	13.36	154	545401	47.022 ng	99
47) 2-Chloronaphthalene	13.40	162	426368	46.195 ng	99
48) 2-Nitroaniline	13.61	65	130587	47.941 ng	99
49) Acenaphthylene	14.25	152	689590	50.939 ng	99
50) Dimethylphthalate	13.99	163	589963	51.039 ng	99
51) 2,6-Dinitrotoluene	14.10	165	128878	50.006 ng	99
52) Acenaphthene	14.59	154	417455	47.575 ng	99
53) 3-Nitroaniline	14.43	138	69049	24.216 ng	99
54) 2,4-Dinitrophenol	14.65	184	57777	41.852 ng	99
55) Dibenzofuran	14.93	168	660879	49.745 ng	99
56) 4-Nitrophenol	14.76	139	247899	118.690 ng	98
57) 2,4-Dinitrotoluene	14.89	165	181936	50.367 ng	99
58) Fluorene	15.58	166	530190	50.668 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	171744	59.873 ng	98
60) Diethylphthalate	15.35	149	577584	50.148 ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	275598	48.575 ng	98
62) 4-Nitroaniline	15.60	138	141800	49.769 ng	99
63) Azobenzene	15.86	77	508907	50.415 ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	92984	44.435 ng	99
66) n-Nitrosodiphenylamine	15.79	169	504418	47.480 ng	99
67) 4-Bromophenyl-phenylether	16.47	248	188645	45.675 ng	97
68) Hexachlorobenzene	16.59	284	205555	44.424 ng	99
69) Atrazine	16.74	200	205655	56.478 ng	98
70) Pentachlorophenol	16.93	266	163525	70.284 ng	98
71) Phenanthrene	17.32	178	894619	48.735 ng	99
72) Anthracene	17.41	178	925701	51.007 ng	98
73) Carbazole	17.68	167	861859	51.513 ng	99
74) Di-n-butylphthalate	18.24	149	1060047	51.271 ng	99
75) Fluoranthene	19.33	202	1109278	52.237 ng	99
77) Benzidine	19.51	184	394681	37.187 ng	98
78) Pyrene	19.69	202	1110949	45.210 ng	98
80) Butylbenzylphthalate	20.58	149	507447	45.315 ng	99
81) Benzo(a)anthracene	21.50	228	1098528	46.583 ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	224645	24.545 ng	99
83) Chrysene	21.57	228	1057646	46.399 ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	713639	46.300 ng	100
85) Di-n-octyl phthalate	22.58	149	1263151	47.365 ng	99
86) Indeno(1,2,3-cd)pyrene	28.10	276	1383363	46.517 ng	100
88) Benzo(b)fluoranthene	23.63	252	1166466	48.908 ng	99
89) Benzo(k)fluoranthene	23.70	252	1155659	49.716 ng	99
90) Benzo(a)pyrene	24.46	252	1089760	48.326 ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1141898	51.167 ng	99
92) Benzo(g,h,i)perylene	29.18	276	1167603	52.263 ng	97

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

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