Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045954.D
Acq On : 7 Jul 2020 9:44
Operator : CG/JU
Sample : PB129891BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129891BL

Quant Time: Jul 07 11:35:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	201937	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	815696	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	504302	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1033161	20.00	ng	0.00
76) Chrysene-d12	21.63	240	997788	20.00	ng	0.00
86) Perylene-d12	24.79	264	1042461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1412630	113.44	ng	0.00
7) Phenol-d6	7.17	99	1942160	108.33	ng	0.00
23) Nitrobenzene-d5	9.16	82	1262793	89.11	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	578469	123.59	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2410455	74.56	ng	0.00
79) Terphenyl-d14	19.99	244	3219329	71.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	495	0.086	ng	# 1
3) Pyridine	3.89	79	389	0.022	ng	# 1
4) n-Nitrosodimethylamine	3.80	42	985	0.168	ng	# 1
6) Aniline	7.33	93	297	0.013	ng	# 42
8) 2-Chlorophenol	7.61	128	55	0.004	ng	# 33
9) Benzaldehyde	7.12	77	383	0.034	ng	# 39
10) Phenol	7.21	94	65	0.004	ng	# 1
11) bis(2-Chloroethyl)ether	7.42	93	342	0.023	ng	# 16
12) 1,3-Dichlorobenzene	8.00	146	63	0.004	ng	# 1
13) 1,4-Dichlorobenzene	8.04	146	137	0.009	ng	# 1
14) 1,2-Dichlorobenzene	8.38	146	159	0.011	ng	# 1
15) Benzyl Alcohol	8.20	79	760	0.054	ng	# 14
16) 2,2'-oxybis(1-Chloropropan	8.10	45	58	0.003	ng	63
17) 2-Methylphenol	8.44	107	61	0.005	ng	# 1
18) Hexachloroethane	9.09	117	126	0.022	ng	# 1
20) 3+4-Methylphenols	8.76	107	206	0.011	ng	# 27
22) Acetophenone	8.82	105	75	0.003	ng	# 1
24) Nitrobenzene	9.16	77	5592	0.358	ng	# 40
25) Isophorone	9.75	82	465	0.013	ng	# 31
26) 2-Nitrophenol	9.68	139	62	0.012	ng	# 1
27) 2,4-Dimethylphenol	10.00	122	73	0.006	ng	# 2
28) bis(2-Chloroethoxy)methane	10.22	93	260	0.013	ng	# 1
29) 2,4-Dichlorophenol	10.30	162	81	0.006	ng	# 1
30) 1,2,4-Trichlorobenzene	10.59	180	62	0.004	ng	# 12
31) Naphthalene	10.84	128	130	0.003	ng	# 67
33) 4-Chloroaniline	10.96	127	67	0.003	ng	# 9
34) Hexachlorobutadiene	11.24	225	65	0.008	ng	# 18
35) Caprolactam	12.02	113	188	0.039	ng	94
36) 4-Chloro-3-methylphenol	12.07	107	57	0.004	ng	# 1
37) 2-Methylnaphthalene	12.45	142	150	0.005	ng	# 14
38) 1-Methylnaphthalene	12.45	142	150	0.005	ng	# 6
43) 2,4,6-Trichlorophenol	13.03	196	54	0.006	ng	# 12
44) 2,4,5-Trichlorophenol	13.12	196	72	0.007	ng	# 14
46) 1,1'-Biphenyl	13.47	154	6937	0.183	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.50	162	69	0.002	ng	#	37
49) Acenaphthylene	14.35	152	184	0.004	ng	#	63
52) Acenaphthene	14.63	154	1941	0.064	ng	#	4
55) Dibenzofuran	14.85	168	73	0.002	ng	#	43
56) 4-Nitrophenol	14.81	139	54	0.009	ng	#	18
58) Fluorene	16.11	166	30845	0.842	ng	#	90
60) Diethylphthalate	15.45	149	250	0.006	ng	#	57
61) 4-Chlorophenyl-phenylether	15.67	204	79	0.004	ng	#	27
62) 4-Nitroaniline	15.64	138	61	0.008	ng	#	64
63) Azobenzene	15.96	77	507	0.012	ng	#	45
66) n-Nitrosodiphenylamine	16.11	169	25203	0.787	ng	#	52
68) Hexachlorobenzene	16.49	284	55	0.005	ng	#	38
69) Atrazine	16.88	200	63	0.007	ng	#	35
70) Pentachlorophenol	16.84	266	70	0.011	ng	#	18
71) Phenanthrene	17.42	178	256	0.005	ng	#	57
72) Anthracene	17.50	178	86	0.002	ng	#	17
73) Carbazole	17.76	167	330	0.006	ng	#	52
74) Di-n-butylphthalate	18.35	149	1151	0.017	ng	#	47
75) Fluoranthene	19.42	202	129	0.002	ng	#	60
78) Pyrene	19.99	202	16645	0.244	ng	#	68
80) Butylbenzylphthalate	20.68	149	314	0.010	ng	#	1
81) Benzo(a)anthracene	21.63	228	3848	0.059	ng	#	75
82) 3,3'-Dichlorobenzidine	21.52	252	922	0.038	ng	#	90
83) Chrysene	21.67	228	594	0.010	ng	#	74
84) Bis(2-ethylhexyl)phthalate	21.56	149	3889	0.083	ng	#	98
85) Di-n-octyl phthalate	22.76	149	4452	0.055	ng	#	75
87) Indeno(1,2,3-cd)pyrene	28.35	276	1230	0.016	ng	#	84
88) Benzo(b)fluoranthene	23.79	252	1966	0.030	ng	#	84
89) Benzo(k)fluoranthene	23.86	252	2127	0.034	ng	#	86
90) Benzo(a)pyrene	24.63	252	2359	0.038	ng	#	80
91) Dibenzo(a,h)anthracene	28.47	278	176	0.003	ng	#	54
92) Benzo(g,h,i)perylene	29.47	276	1809	0.029	ng	#	80

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

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