Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045975.D
Acq On : 8 Jul 2020 10:51
Operator : CG/JU
Sample : PB129955BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129955BL

Quant Time: Jul 08 11:48:45 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	148832	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	597583	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	363513	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	750531	20.00	ng	0.00
76) Chrysene-d12	21.62	240	692954	20.00	ng	0.00
86) Perylene-d12	24.78	264	686081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1102264	120.10	ng	0.00
7) Phenol-d6	7.16	99	1523983	115.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	1023394	98.57	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	433365	128.45	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1966617	84.39	ng	0.00
79) Terphenyl-d14	19.99	244	2616557	84.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	932	0.220	ng	# 25
3) Pyridine	3.90	79	94	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.81	42	298	0.069	ng	# 1
6) Aniline	7.32	93	74	0.004	ng	# 42
8) 2-Chlorophenol	7.61	128	96	0.010	ng	# 33
10) Phenol	7.19	94	54	0.004	ng	# 1
11) bis(2-Chloroethyl)ether	7.42	93	56	0.005	ng	# 19
12) 1,3-Dichlorobenzene	8.01	146	68	0.006	ng	# 1
13) 1,4-Dichlorobenzene	8.01	146	68	0.006	ng	# 1
14) 1,2-Dichlorobenzene	8.34	146	422	0.039	ng	# 1
15) Benzyl Alcohol	8.33	79	18380	1.774	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	8.69	45	59	0.004	ng	63
17) 2-Methylphenol	8.35	107	130	0.013	ng	# 1
18) Hexachloroethane	9.11	117	70	0.016	ng	# 1
20) 3+4-Methylphenols	8.68	107	69	0.005	ng	# 1
22) Acetophenone	8.81	105	115	0.007	ng	# 1
24) Nitrobenzene	9.16	77	4634	0.404	ng	# 40
25) Isophorone	9.73	82	80	0.003	ng	# 4
26) 2-Nitrophenol	10.00	139	56	0.015	ng	# 32
27) 2,4-Dimethylphenol	9.72	122	61	0.007	ng	# 2
28) bis(2-Chloroethoxy)methane	10.17	93	77	0.005	ng	# 48
30) 1,2,4-Trichlorobenzene	10.83	180	57	0.006	ng	# 12
31) Naphthalene	10.84	128	61	0.002	ng	# 67
33) 4-Chloroaniline	10.93	127	54	0.004	ng	# 45
35) Caprolactam	11.86	113	54	0.015	ng	# 52
36) 4-Chloro-3-methylphenol	12.10	107	85	0.008	ng	# 21
37) 2-Methylnaphthalene	12.49	142	54	0.002	ng	# 1
38) 1-Methylnaphthalene	12.49	142	54	0.003	ng	# 6
41) Hexachlorocyclopentadiene	13.09	237	85	0.014	ng	# 28
43) 2,4,6-Trichlorophenol	13.02	196	54	0.008	ng	# 12
44) 2,4,5-Trichlorophenol	13.19	196	60	0.008	ng	# 19
46) 1,1'-Biphenyl	13.46	154	4762	0.174	ng	98
47) 2-Chloronaphthalene	13.55	162	56	0.003	ng	# 1
49) Acenaphthylene	14.34	152	127	0.004	ng	# 58

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.62	154	1508	0.069	ng	#	4
55) Dibenzofuran	15.02	168	58	0.002	ng	#	26
56) 4-Nitrophenol	14.89	139	56	0.013	ng	#	3
58) Fluorene	16.11	166	22905	0.867	ng	#	88
59) 2,3,4,6-Tetrachlorophenol	15.25	232	61	0.010	ng	#	40
60) Diethylphthalate	15.44	149	66	0.002	ng	#	57
61) 4-Chlorophenyl-phenylether	15.52	204	59	0.004	ng	#	27
62) 4-Nitroaniline	15.76	138	53	0.009	ng	#	12
63) Azobenzene	15.96	77	272	0.009	ng	#	39
66) n-Nitrosodiphenylamine	16.11	169	19348	0.832	ng	#	48
68) Hexachlorobenzene	16.69	284	54	0.006	ng	#	38
69) Atrazine	16.94	200	84	0.012	ng	#	35
70) Pentachlorophenol	17.43	266	58	0.012	ng	#	18
71) Phenanthrene	17.37	178	326	0.008	ng	#	13
72) Anthracene	17.51	178	60	0.001	ng	#	1
73) Carbazole	17.76	167	55	0.001	ng	#	55
74) Di-n-butylphthalate	18.35	149	186	0.004	ng	#	20
75) Fluoranthene	19.42	202	256	0.006	ng	#	60
78) Pyrene	19.77	202	428	0.009	ng	#	53
80) Butylbenzylphthalate	20.68	149	434	0.019	ng	#	62
81) Benzo(a)anthracene	21.62	228	2495	0.055	ng	#	65
82) 3,3'-Dichlorobenzidine	21.52	252	324	0.019	ng	#	92
83) Chrysene	21.68	228	214	0.005	ng	#	46
84) Bis(2-ethylhexyl)phthalate	21.55	149	698	0.022	ng	#	50
85) Di-n-octyl phthalate	22.74	149	549	0.010	ng	#	75
87) Indeno(1,2,3-cd)pyrene	28.39	276	84	0.002	ng	#	15
88) Benzo(b)fluoranthene	23.78	252	785	0.018	ng	#	17
89) Benzo(k)fluoranthene	23.87	252	134	0.003	ng	#	6
90) Benzo(a)pyrene	24.61	252	625	0.015	ng	#	58
91) Dibenzo(a,h)anthracene	28.43	278	636	0.016	ng	#	65
92) Benzo(g,h,i)perylene	29.48	276	331	0.008	ng	#	52

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

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