Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045955.D
Acq On : 7 Jul 2020 10:24
Operator : CG/JU
Sample : PB129897BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129897BL

Quant Time: Jul 07 11:37:22 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	212053	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	834192	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	511449	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	1042549	20.00	ng	0.00
76) Chrysene-d12	21.63	240	995494	20.00	ng	0.00
86) Perylene-d12	24.79	264	1051269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1452793	111.10	ng	0.00
7) Phenol-d6	7.17	99	1976676	105.00	ng	0.00
23) Nitrobenzene-d5	9.16	82	1279657	88.29	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	581978	122.60	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2447795	74.65	ng	0.00
79) Terphenyl-d14	19.99	244	3188350	71.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	279	0.046	ng	# 66
3) Pyridine	3.89	79	136	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	988	0.160	ng	# 1
6) Aniline	7.32	93	139	0.006	ng	# 59
8) 2-Chlorophenol	7.56	128	64	0.005	ng	# 48
9) Benzaldehyde	7.17	77	4138	0.347	ng	# 14
10) Phenol	7.17	94	752	0.040	ng	# 1
11) bis(2-Chloroethyl)ether	7.43	93	136	0.009	ng	# 1
12) 1,3-Dichlorobenzene	8.01	146	163	0.010	ng	# 1
13) 1,4-Dichlorobenzene	8.01	146	163	0.010	ng	# 1
14) 1,2-Dichlorobenzene	8.33	146	1118	0.073	ng	# 1
15) Benzyl Alcohol	8.33	79	26497	1.795	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	8.58	45	63	0.003	ng	63
17) 2-Methylphenol	8.44	107	130	0.009	ng	# 31
18) Hexachloroethane	9.06	117	178	0.029	ng	# 44
20) 3+4-Methylphenols	8.75	107	142	0.007	ng	# 20
22) Acetophenone	8.85	105	62	0.003	ng	# 1
24) Nitrobenzene	9.23	77	417	0.026	ng	# 42
25) Isophorone	9.71	82	741	0.021	ng	# 30
26) 2-Nitrophenol	9.99	139	68	0.013	ng	# 32
27) 2,4-Dimethylphenol	9.93	122	58	0.005	ng	# 2
28) bis(2-Chloroethoxy)methane	10.21	93	265	0.013	ng	# 48
30) 1,2,4-Trichlorobenzene	10.36	180	77	0.005	ng	# 12
31) Naphthalene	10.85	128	166	0.004	ng	# 67
33) 4-Chloroaniline	10.96	127	87	0.004	ng	# 34
34) Hexachlorobutadiene	11.54	225	66	0.008	ng	# 18
35) Caprolactam	11.82	113	57	0.012	ng	# 1
36) 4-Chloro-3-methylphenol	12.08	107	84	0.006	ng	# 21
37) 2-Methylnaphthalene	12.48	142	56	0.002	ng	# 14
38) 1-Methylnaphthalene	12.75	142	55	0.002	ng	# 6
40) 1,2,4,5-Tetrachlorobenzene	12.68	216	55	0.004	ng	# 26
41) Hexachlorocyclopentadiene	12.72	237	62	0.007	ng	# 28
43) 2,4,6-Trichlorophenol	13.46	196	69	0.007	ng	# 12
44) 2,4,5-Trichlorophenol	13.46	196	69	0.006	ng	# 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.46	154	7104	0.185	ng		89
47) 2-Chloronaphthalene	13.62	162	66	0.002	ng	#	1
49) Acenaphthylene	14.34	152	141	0.003	ng	#	58
52) Acenaphthene	14.70	154	56	0.002	ng	#	4
55) Dibenzofuran	14.62	168	59	0.001	ng	#	1
56) 4-Nitrophenol	14.70	139	119	0.019	ng	#	59
58) Fluorene	16.11	166	31243	0.841	ng	#	90
59) 2,3,4,6-Tetrachlorophenol	15.18	232	56	0.007	ng	#	40
60) Diethylphthalate	15.45	149	440	0.011	ng	#	57
61) 4-Chlorophenyl-phenylether	15.73	204	110	0.006	ng	#	27
62) 4-Nitroaniline	15.75	138	53	0.007	ng	#	12
63) Azobenzene	15.97	77	453	0.010	ng	#	38
66) n-Nitrosodiphenylamine	16.11	169	25918	0.802	ng	#	51
68) Hexachlorobenzene	16.66	284	105	0.009	ng	#	38
69) Atrazine	16.91	200	59	0.006	ng	#	35
70) Pentachlorophenol	17.05	266	66	0.010	ng	#	18
71) Phenanthrene	17.42	178	133	0.002	ng	#	57
72) Anthracene	17.51	178	158	0.003	ng	#	57
73) Carbazole	17.76	167	160	0.003	ng	#	55
74) Di-n-butylphthalate	18.35	149	1322	0.020	ng	#	75
75) Fluoranthene	19.42	202	142	0.002	ng	#	60
78) Pyrene	19.99	202	16564	0.244	ng	#	79
80) Butylbenzylphthalate	20.68	149	674	0.021	ng	#	72
81) Benzo(a)anthracene	21.63	228	3619	0.055	ng	#	56
82) 3,3'-Dichlorobenzidine	21.52	252	799	0.033	ng	#	71
83) Chrysene	21.68	228	527	0.008	ng	#	46
84) Bis(2-ethylhexyl)phthalate	21.55	149	2979	0.064	ng	#	91
85) Di-n-octyl phthalate	22.76	149	4472	0.055	ng	#	75
87) Indeno(1,2,3-cd)pyrene	28.39	276	1105	0.014	ng	#	61
88) Benzo(b)fluoranthene	23.79	252	2434	0.036	ng	#	68
89) Benzo(k)fluoranthene	23.85	252	2170	0.034	ng	#	81
90) Benzo(a)pyrene	24.63	252	2667	0.042	ng	#	76
91) Dibenzo(a,h)anthracene	28.43	278	5019	0.081	ng	#	82
92) Benzo(g,h,i)perylene	29.45	276	4649	0.074	ng	#	91

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

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