Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045962.D
Acq On : 7 Jul 2020 16:39
Operator : CG/JU
Sample : PB129955BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129955BL

Quant Time: Jul 07 18:14:16 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	145090	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	577374	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	354890	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	730634	20.00	ng		0.00
76) Chrysene-d12	21.63	240	713000	20.00	ng		0.00
86) Perylene-d12	24.78	264	701056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1093015	122.17	ng		0.00
7) Phenol-d6	7.16	99	1513359	117.49	ng		0.00
23) Nitrobenzene-d5	9.16	82	983507	98.04	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	442463	134.33	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1944571	85.47	ng		0.00
79) Terphenyl-d14	19.99	244	2665707	83.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	744	0.180	ng	#	89
3) Pyridine	3.90	79	129	0.010	ng	#	1
4) n-Nitrosodimethylamine	3.80	42	633	0.150	ng	#	1
6) Aniline	7.32	93	165	0.010	ng	#	42
8) 2-Chlorophenol	7.51	128	70	0.007	ng	#	33
9) Benzaldehyde	7.11	77	150	0.018	ng	#	47
10) Phenol	7.17	94	152	0.012	ng	#	1
11) bis(2-Chloroethyl)ether	7.45	93	63	0.006	ng	#	1
12) 1,3-Dichlorobenzene	8.33	146	278	0.025	ng	#	1
13) 1,4-Dichlorobenzene	8.33	146	278	0.025	ng	#	1
14) 1,2-Dichlorobenzene	8.33	146	278	0.026	ng	#	1
15) Benzyl Alcohol	8.33	79	19165	1.898	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	8.28	45	72	0.005	ng		63
17) 2-Methylphenol	8.38	107	57	0.006	ng	#	1
18) Hexachloroethane	9.01	117	118	0.028	ng	#	1
20) 3+4-Methylphenols	8.72	107	115	0.009	ng	#	12
22) Acetophenone	8.81	105	178	0.012	ng	#	55
24) Nitrobenzene	9.21	77	326	0.029	ng	#	42
25) Isophorone	9.75	82	248	0.010	ng	#	1
26) 2-Nitrophenol	10.05	139	62	0.017	ng	#	32
27) 2,4-Dimethylphenol	10.02	122	71	0.008	ng	#	48
28) bis(2-Chloroethoxy)methane	10.20	93	91	0.007	ng	#	48
29) 2,4-Dichlorophenol	10.46	162	63	0.007	ng	#	11
30) 1,2,4-Trichlorobenzene	10.77	180	75	0.008	ng	#	12
31) Naphthalene	10.82	128	71	0.002	ng	#	67
33) 4-Chloroaniline	11.14	127	53	0.004	ng	#	45
35) Caprolactam	11.53	113	59	0.017	ng	#	79
36) 4-Chloro-3-methylphenol	12.06	107	73	0.007	ng	#	21
37) 2-Methylnaphthalene	12.50	142	59	0.003	ng	#	14
38) 1-Methylnaphthalene	12.81	142	72	0.003	ng	#	6
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	67	0.007	ng	#	26
43) 2,4,6-Trichlorophenol	12.88	196	87	0.013	ng	#	12
44) 2,4,5-Trichlorophenol	12.88	196	87	0.011	ng	#	18
46) 1,1'-Biphenyl	13.46	154	5408	0.203	ng		82

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.36	152	55	0.002	ng	#	58
52) Acenaphthene	14.68	154	55	0.003	ng	#	4
55) Dibenzofuran	14.98	168	54	0.002	ng	#	43
56) 4-Nitrophenol	14.72	139	56	0.013	ng	#	53
58) Fluorene	16.11	166	23063	0.895	ng	#	88
60) Diethylphthalate	15.40	149	65	0.002	ng	#	57
61) 4-Chlorophenyl-phenylether	16.00	204	63	0.005	ng	#	27
62) 4-Nitroaniline	15.75	138	54	0.010	ng	#	5
63) Azobenzene	15.91	77	401	0.013	ng	#	52
66) n-Nitrosodiphenylamine	16.11	169	18860	0.833	ng	#	49
68) Hexachlorobenzene	16.41	284	112	0.014	ng	#	38
69) Atrazine	16.80	200	54	0.008	ng	#	35
70) Pentachlorophenol	17.31	266	71	0.016	ng	#	18
71) Phenanthrene	17.42	178	59	0.002	ng	#	57
72) Anthracene	17.50	178	90	0.002	ng	#	57
73) Carbazole	17.76	167	946	0.024	ng	#	76
74) Di-n-butylphthalate	18.35	149	656	0.014	ng	#	61
75) Fluoranthene	19.78	202	1224	0.027	ng		72
78) Pyrene	19.78	202	1224	0.025	ng	#	62
80) Butylbenzylphthalate	20.68	149	980	0.043	ng	#	85
81) Benzo(a)anthracene	21.62	228	5017	0.107	ng	#	72
82) 3,3'-Dichlorobenzidine	21.53	252	859	0.050	ng	#	83
83) Chrysene	21.68	228	2870	0.064	ng	#	78
84) Bis(2-ethylhexyl)phthalate	21.55	149	1464	0.044	ng	#	84
85) Di-n-octyl phthalate	22.75	149	2247	0.039	ng	#	76
87) Indeno(1,2,3-cd)pyrene	28.34	276	551	0.011	ng	#	79
88) Benzo(b)fluoranthene	23.79	252	2517	0.057	ng	#	84
89) Benzo(k)fluoranthene	23.84	252	2383	0.057	ng	#	40
90) Benzo(a)pyrene	24.63	252	2123	0.051	ng	#	83
91) Dibenzo(a,h)anthracene	28.42	278	724	0.018	ng	#	54
92) Benzo(g,h,i)perylene	29.48	276	148	0.004	ng	#	52

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

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