Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045979.D
Acq On : 8 Jul 2020 13:43
Operator : CG/JU
Sample : PB129957BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129957BL

Quant Time: Jul 08 14:24:29 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	8.00	152	149247	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	606719	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	363821	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	733205	20.00	ng	0.00
76) Chrysene-d12	21.63	240	692489	20.00	ng	0.00
86) Perylene-d12	24.79	264	673900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1114135	121.06	ng	0.00
7) Phenol-d6	7.16	99	1537668	116.05	ng	0.00
23) Nitrobenzene-d5	9.16	82	1033123	98.01	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	424124	125.61	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1961701	84.10	ng	0.00
79) Terphenyl-d14	19.99	244	2607382	83.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	483	0.114	ng	# 3
3) Pyridine	3.89	79	69	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.81	42	78	0.018	ng	# 1
6) Aniline	7.32	93	71	0.004	ng	# 42
8) 2-Chlorophenol	7.56	128	57	0.006	ng	# 33
9) Benzaldehyde	7.16	77	2831	0.337	ng	# 6
10) Phenol	7.19	94	276	0.021	ng	# 1
11) bis(2-Chloroethyl)ether	7.44	93	54	0.005	ng	# 19
12) 1,3-Dichlorobenzene	8.01	146	178	0.016	ng	# 1
13) 1,4-Dichlorobenzene	8.05	146	102	0.009	ng	# 24
14) 1,2-Dichlorobenzene	8.34	146	240	0.022	ng	# 1
15) Benzyl Alcohol	8.33	79	18791	1.809	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	8.66	45	68	0.005	ng	63
17) 2-Methylphenol	8.33	107	313	0.031	ng	# 1
18) Hexachloroethane	9.04	117	54	0.012	ng	# 1
20) 3+4-Methylphenols	9.06	107	72	0.005	ng	# 21
22) Acetophenone	8.83	105	59	0.004	ng	# 16
24) Nitrobenzene	9.16	77	3884	0.334	ng	# 42
25) Isophorone	9.71	82	153	0.006	ng	# 67
26) 2-Nitrophenol	9.70	139	62	0.016	ng	# 32
27) 2,4-Dimethylphenol	9.99	122	55	0.006	ng	# 2
28) bis(2-Chloroethoxy)methane	10.20	93	137	0.009	ng	# 19
29) 2,4-Dichlorophenol	9.98	162	91	0.010	ng	# 24
30) 1,2,4-Trichlorobenzene	10.60	180	56	0.005	ng	# 12
31) Naphthalene	10.85	128	54	0.002	ng	# 67
33) 4-Chloroaniline	10.93	127	56	0.004	ng	# 45
34) Hexachlorobutadiene	10.70	225	58	0.009	ng	# 18
36) 4-Chloro-3-methylphenol	12.07	107	62	0.006	ng	# 21
37) 2-Methylnaphthalene	12.55	142	59	0.003	ng	# 14
38) 1-Methylnaphthalene	12.55	142	59	0.003	ng	# 6
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	65	0.006	ng	# 11
43) 2,4,6-Trichlorophenol	12.98	196	55	0.008	ng	# 12
44) 2,4,5-Trichlorophenol	13.26	196	77	0.010	ng	# 1
46) 1,1'-Biphenyl	13.47	154	5191	0.190	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.14	162	62	0.003	ng	#	37
49) Acenaphthylene	14.63	152	69	0.002	ng	#	58
52) Acenaphthene	14.77	154	53	0.002	ng	#	4
55) Dibenzofuran	15.02	168	60	0.002	ng	#	43
56) 4-Nitrophenol	14.54	139	91	0.020	ng	#	3
58) Fluorene	16.11	166	22802	0.863	ng	#	95
59) 2,3,4,6-Tetrachlorophenol	15.41	232	54	0.009	ng	#	40
60) Diethylphthalate	15.24	149	71	0.002	ng	#	10
62) 4-Nitroaniline	15.57	138	82	0.015	ng	#	12
63) Azobenzene	15.88	77	268	0.009	ng	#	52
66) n-Nitrosodiphenylamine	16.11	169	18314	0.806	ng	#	51
68) Hexachlorobenzene	16.42	284	54	0.007	ng	#	38
70) Pentachlorophenol	16.83	266	53	0.012	ng	#	18
71) Phenanthrene	17.40	178	61	0.002	ng	#	57
72) Anthracene	17.56	178	76	0.002	ng	#	57
73) Carbazole	17.77	167	61	0.002	ng	#	55
74) Di-n-butylphthalate	18.35	149	201	0.004	ng	#	44
75) Fluoranthene	19.58	202	57	0.001	ng	#	60
78) Pyrene	19.99	202	11894	0.252	ng	#	69
80) Butylbenzylphthalate	20.68	149	426	0.019	ng	#	76
81) Benzo(a)anthracene	21.62	228	2115	0.046	ng	#	74
82) 3,3'-Dichlorobenzidine	21.53	252	145	0.009	ng	#	92
83) Chrysene	21.67	228	122	0.003	ng	#	46
84) Bis(2-ethylhexyl)phthalate	21.56	149	652	0.020	ng	#	50
85) Di-n-octyl phthalate	22.76	149	687	0.012	ng	#	1
87) Indeno(1,2,3-cd)pyrene	28.39	276	197	0.004	ng	#	63
88) Benzo(b)fluoranthene	23.79	252	222	0.005	ng	#	58
89) Benzo(k)fluoranthene	23.86	252	750	0.019	ng	#	67
90) Benzo(a)pyrene	24.64	252	962	0.024	ng	#	58
91) Dibenzo(a,h)anthracene	28.44	278	347	0.009	ng	#	54
92) Benzo(g,h,i)perylene	29.48	276	197	0.005	ng	#	52

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

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