Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045967.D
Acq On : 7 Jul 2020 20:01
Operator : CG/JU
Sample : PB129957BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129957BL

Quant Time: Jul 08 04:07:30 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	148064	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	593535	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	365869	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	735534	20.00	ng	0.00
76) Chrysene-d12	21.63	240	705795	20.00	ng	0.00
86) Perylene-d12	24.79	264	696426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1105663	121.10	ng	0.00
7) Phenol-d6	7.16	99	1519055	115.56	ng	0.00
23) Nitrobenzene-d5	9.16	82	990529	96.06	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	429921	126.61	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1944102	82.88	ng	0.00
79) Terphenyl-d14	19.99	244	2646890	83.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	270	0.064	ng	# 25
3) Pyridine	3.92	79	147	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	165	0.038	ng	# 1
6) Aniline	7.32	93	54	0.003	ng	# 24
8) 2-Chlorophenol	7.58	128	54	0.005	ng	# 33
9) Benzaldehyde	7.12	77	206	0.025	ng	# 6
10) Phenol	7.22	94	65	0.005	ng	# 1
11) bis(2-Chloroethyl)ether	7.43	93	57	0.005	ng	# 19
12) 1,3-Dichlorobenzene	7.99	146	55	0.005	ng	# 1
13) 1,4-Dichlorobenzene	7.99	146	55	0.005	ng	# 1
14) 1,2-Dichlorobenzene	8.34	146	124	0.012	ng	# 1
15) Benzyl Alcohol	8.33	79	18118	1.758	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	8.56	45	62	0.004	ng	63
17) 2-Methylphenol	8.47	107	59	0.006	ng	# 12
18) Hexachloroethane	9.10	117	59	0.014	ng	# 1
20) 3+4-Methylphenols	8.72	107	61	0.005	ng	# 1
22) Acetophenone	8.84	105	129	0.008	ng	# 1
24) Nitrobenzene	9.22	77	143	0.013	ng	# 42
25) Isophorone	9.74	82	223	0.009	ng	# 5
26) 2-Nitrophenol	10.03	139	66	0.018	ng	# 32
27) 2,4-Dimethylphenol	9.85	122	68	0.008	ng	# 2
28) bis(2-Chloroethoxy)methane	10.24	93	295	0.021	ng	# 48
30) 1,2,4-Trichlorobenzene	10.35	180	56	0.005	ng	# 12
31) Naphthalene	10.85	128	66	0.002	ng	# 67
33) 4-Chloroaniline	10.95	127	57	0.004	ng	# 45
34) Hexachlorobutadiene	11.16	225	56	0.009	ng	# 18
35) Caprolactam	11.42	113	72	0.020	ng	# 39
36) 4-Chloro-3-methylphenol	12.10	107	67	0.006	ng	# 21
37) 2-Methylnaphthalene	12.61	142	58	0.003	ng	# 14
38) 1-Methylnaphthalene	12.61	142	58	0.003	ng	# 6
40) 1,2,4,5-Tetrachlorobenzene	13.13	216	80	0.008	ng	# 16
41) Hexachlorocyclopentadiene	13.00	237	56	0.009	ng	# 28
44) 2,4,5-Trichlorophenol	13.61	196	61	0.008	ng	# 15
46) 1,1'-Biphenyl	13.46	154	5408	0.196	ng	87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.34	162	54	0.002	ng	#	37
49) Acenaphthylene	14.28	152	71	0.002	ng	#	58
52) Acenaphthene	14.67	154	62	0.003	ng	#	4
55) Dibenzofuran	15.11	168	67	0.002	ng	#	43
56) 4-Nitrophenol	14.88	139	53	0.012	ng	#	73
58) Fluorene	16.11	166	23461	0.883	ng	#	94
59) 2,3,4,6-Tetrachlorophenol	15.46	232	67	0.011	ng	#	40
60) Diethylphthalate	15.45	149	352	0.012	ng	#	1
62) 4-Nitroaniline	15.75	138	66	0.012	ng	#	31
63) Azobenzene	15.95	77	131	0.004	ng	#	5
66) n-Nitrosodiphenylamine	16.11	169	19080	0.837	ng	#	50
68) Hexachlorobenzene	17.10	284	65	0.008	ng	#	38
69) Atrazine	16.83	200	67	0.010	ng	#	35
70) Pentachlorophenol	16.83	266	63	0.014	ng	#	18
71) Phenanthrene	17.36	178	456	0.012	ng	#	35
72) Anthracene	17.57	178	134	0.003	ng	#	57
73) Carbazole	17.77	167	87	0.002	ng	#	55
74) Di-n-butylphthalate	18.34	149	920	0.019	ng	#	63
75) Fluoranthene	19.65	202	117	0.003	ng	#	60
78) Pyrene	19.99	202	12696	0.264	ng	#	66
80) Butylbenzylphthalate	20.68	149	209	0.009	ng	#	74
81) Benzo(a)anthracene	21.62	228	2547	0.055	ng	#	77
82) 3,3'-Dichlorobenzidine	21.53	252	208	0.012	ng	#	25
83) Chrysene	21.67	228	360	0.008	ng	#	46
84) Bis(2-ethylhexyl)phthalate	21.54	149	612	0.019	ng	#	50
85) Di-n-octyl phthalate	22.74	149	555	0.010	ng	#	75
87) Indeno(1,2,3-cd)pyrene	28.35	276	148	0.003	ng	#	43
88) Benzo(b)fluoranthene	23.79	252	1422	0.032	ng	#	35
89) Benzo(k)fluoranthene	23.85	252	947	0.023	ng	#	38
90) Benzo(a)pyrene	24.63	252	1085	0.026	ng	#	42
91) Dibenzo(a,h)anthracene	28.45	278	178	0.004	ng	#	54
92) Benzo(g,h,i)perylene	29.47	276	528	0.013	ng	#	32

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

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