Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043340.D
Acq On : 25 Oct 2019 15:28
Operator : JU
Sample : PB124305TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124305TB

Quant Time: Oct 25 16:26:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41830	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	139325	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	108551	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	259616	20.00	ng	0.00
76) Chrysene-d12	21.66	240	285507	20.00	ng	0.00
87) Perylene-d12	24.86	264	331082	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	325396	142.55	ng	0.02
7) Phenol-d6	7.22	99	439557	133.83	ng	0.02
23) Nitrobenzene-d5	9.19	82	270132	99.96	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	291506	141.12	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	748792	95.32	ng	0.00
79) Terphenyl-d14	20.01	244	1502895	98.75	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.80	79	61	0.027	ng	# 1
4) n-Nitrosodimethylamine	3.81	42	836	0.738	ng	# 1
6) Aniline	7.57	93	603	0.159	ng	# 1
9) Benzaldehyde	7.21	77	912	0.565	ng	# 7
10) Phenol	7.22	94	55	0.018	ng	# 1
11) bis(2-Chloroethyl)ether	7.57	93	603	0.260	ng	# 1
12) 1,3-Dichlorobenzene	8.04	146	53	0.017	ng	# 1
13) 1,4-Dichlorobenzene	8.04	146	53	0.017	ng	# 25
14) 1,2-Dichlorobenzene	8.04	146	53	0.017	ng	# 23
16) 2,2'-oxybis(1-Chloropropan	8.56	45	251	0.074	ng	67
18) Hexachloroethane	9.46	117	68	0.059	ng	# 1
20) 3+4-Methylphenols	8.96	107	81	0.027	ng	# 16
24) Nitrobenzene	9.22	77	53	0.021	ng	# 41
25) Isophorone	9.76	82	317	0.064	ng	# 65
26) 2-Nitrophenol	9.93	139	58	0.047	ng	# 28
28) bis(2-Chloroethoxy)methane	9.73	93	55	0.020	ng	# 51
30) 1,2,4-Trichlorobenzene	10.79	180	53	0.018	ng	# 11
31) Naphthalene	10.88	128	61	0.009	ng	# 68
34) Hexachlorobutadiene	11.42	225	79	0.037	ng	# 16
35) Caprolactam	11.80	113	59	0.075	ng	# 1
36) 4-Chloro-3-methylphenol	12.46	107	93	0.037	ng	# 20
46) 1,1'-Biphenyl	13.49	154	693	0.084	ng	# 27
48) 2-Nitroaniline	13.27	65	951	0.506	ng	# 7
49) Acenaphthylene	14.78	152	58	0.006	ng	# 59
52) Acenaphthene	14.65	154	357	0.060	ng	# 4
55) Dibenzofuran	15.32	168	62	0.006	ng	# 43
56) 4-Nitrophenol	14.88	139	57	0.048	ng	# 2
58) Fluorene	16.15	166	7550	0.931	ng	# 85
62) 4-Nitroaniline	16.07	138	57	0.031	ng	# 8
63) Azobenzene	16.15	77	1013	0.148	ng	# 15
65) 4,6-Dinitro-2-methylphenol	16.14	198	694	0.454	ng	# 1
66) n-Nitrosodiphenylamine	16.15	169	7918	1.080	ng	# 52
70) Pentachlorophenol	16.62	266	59	0.032	ng	# 20
71) Phenanthrene	17.44	178	60	0.005	ng	# 59

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Anthracene	17.44	178	60	0.005	ng	#	60
74) Di-n-butylphthalate	18.36	149	859	0.059	ng	#	77
75) Fluoranthene	19.82	202	57	0.003	ng		65
77) Benzidine	19.69	184	1678	0.292	ng	#	63
78) Pyrene	20.01	202	5179	0.293	ng	#	71
80) Butylbenzylphthalate	20.70	149	137	0.020	ng	#	74
81) Benzo(a)anthracene	21.66	228	693	0.039	ng	#	61
82) 3,3'-Dichlorobenzidine	21.56	252	151	0.022	ng	#	23
83) Chrysene	21.66	228	693	0.039	ng	#	58
84) Bis(2-ethylhexyl)phthalate	21.55	149	741	0.078	ng	#	91
85) Di-n-octyl phthalate	22.76	149	549	0.034	ng	#	1
88) Benzo(b)fluoranthene	23.85	252	53	0.003	ng	#	60
89) Benzo(k)fluoranthene	23.92	252	70	0.004	ng	#	60
90) Benzo(a)pyrene	24.81	252	77	0.004	ng	#	61
91) Dibenzo(a,h)anthracene	28.68	278	60	0.003	ng	#	58
92) Benzo(g,h,i)perylene	29.92	276	62	0.003	ng	#	58

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

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