Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043339.D
Acq On : 25 Oct 2019 14:50
Operator : JU
Sample : PB124305BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124305BL

Quant Time: Oct 25 16:20:26 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	41442	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	146094	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	116078	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	280504	20.00	ng	0.00
76) Chrysene-d12	21.66	240	308011	20.00	ng	0.00
87) Perylene-d12	24.87	264	355463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	178310	78.84	ng	0.01
7) Phenol-d6	7.22	99	158046	48.57	ng	0.01
23) Nitrobenzene-d5	9.18	82	241544	85.24	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	280600	127.03	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	709398	84.45	ng	0.00
79) Terphenyl-d14	20.01	244	1469938	89.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	286	0.325	ng	# 21
3) Pyridine	3.60	79	75	0.034	ng	# 1
4) n-Nitrosodimethylamine	3.81	42	66	0.059	ng	# 1
6) Aniline	7.56	93	507	0.135	ng	# 1
8) 2-Chlorophenol	7.80	128	56	0.022	ng	# 36
9) Benzaldehyde	7.20	77	67	0.042	ng	# 52
10) Phenol	7.24	94	1026	0.345	ng	# 1
11) bis(2-Chloroethyl)ether	7.56	93	507	0.221	ng	# 1
12) 1,3-Dichlorobenzene	8.35	146	83	0.027	ng	# 1
13) 1,4-Dichlorobenzene	8.35	146	83	0.026	ng	# 1
14) 1,2-Dichlorobenzene	8.35	146	83	0.027	ng	# 1
15) Benzyl Alcohol	8.34	79	4427	1.937	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	9.05	45	63	0.019	ng	67
20) 3+4-Methylphenols	8.92	107	54	0.018	ng	# 16
22) Acetophenone	8.85	105	2189	0.585	ng	# 69
24) Nitrobenzene	9.18	77	867	0.321	ng	# 41
25) Isophorone	9.74	82	610	0.118	ng	# 65
28) bis(2-Chloroethoxy)methane	9.75	93	61	0.021	ng	# 51
31) Naphthalene	10.75	128	65	0.009	ng	# 68
37) 2-Methylnaphthalene	12.93	142	55	0.010	ng	# 15
38) 1-Methylnaphthalene	12.93	142	55	0.010	ng	# 8
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	55	0.013	ng	# 25
43) 2,4,6-Trichlorophenol	12.92	196	53	0.021	ng	# 12
44) 2,4,5-Trichlorophenol	12.92	196	53	0.021	ng	# 7
46) 1,1'-Biphenyl	13.49	154	987	0.112	ng	# 42
48) 2-Nitroaniline	13.33	65	56	0.028	ng	# 6
49) Acenaphthylene	14.53	152	54	0.005	ng	# 59
50) Dimethylphthalate	14.11	163	9467	1.053	ng	98
52) Acenaphthene	14.65	154	188	0.029	ng	# 4
55) Dibenzofuran	14.97	168	57	0.006	ng	# 43
58) Fluorene	16.15	166	7366	0.849	ng	# 88
59) 2,3,4,6-Tetrachlorophenol	15.12	232	56	0.021	ng	# 44
60) Diethylphthalate	15.46	149	632	0.070	ng	# 58
62) 4-Nitroaniline	16.19	138	54	0.028	ng	# 8

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) Azobenzene	16.15	77	1209	0.165	ng	#	44
65) 4,6-Dinitro-2-methylphenol	16.15	198	826	0.500	ng	#	4
66) n-Nitrosodiphenylamine	16.15	169	7458	0.942	ng	#	51
70) Pentachlorophenol	17.48	266	56	0.028	ng	#	20
71) Phenanthrene	17.44	178	117	0.008	ng	#	59
72) Anthracene	17.44	178	117	0.008	ng	#	60
74) Di-n-butylphthalate	18.36	149	2373	0.150	ng	#	77
75) Fluoranthene	19.45	202	63	0.003	ng		65
78) Pyrene	20.01	202	4877	0.256	ng	#	72
80) Butylbenzylphthalate	20.69	149	492	0.068	ng	#	25
81) Benzo(a)anthracene	21.66	228	870	0.045	ng	#	55
82) 3,3'-Dichlorobenzidine	21.56	252	61	0.008	ng	#	23
83) Chrysene	21.66	228	870	0.045	ng	#	52
84) Bis(2-ethylhexyl)phthalate	21.55	149	1603	0.156	ng	#	65
85) Di-n-octyl phthalate	22.76	149	182	0.010	ng	#	79
86) Indeno(1,2,3-cd)pyrene	28.53	276	54	0.002	ng	#	56
88) Benzo(b)fluoranthene	23.84	252	57	0.003	ng	#	1
89) Benzo(k)fluoranthene	23.93	252	130	0.006	ng	#	1
90) Benzo(a)pyrene	24.71	252	146	0.008	ng	#	26
91) Dibenzo(a,h)anthracene	28.55	278	64	0.003	ng	#	58
92) Benzo(g,h,i)perylene	29.48	276	67	0.003	ng	#	58

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

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