Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043343.D
Acq On : 25 Oct 2019 17:23
Operator : JU
Sample : K5148-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-102319

Quant Time: Oct 25 18:00:30 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	8.02	152	34980	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	127833	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	101275	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	249968	20.00	ng	0.00
76) Chrysene-d12	21.66	240	284059	20.00	ng	0.00
87) Perylene-d12	24.86	264	330390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	273243	143.14	ng	0.01
7) Phenol-d6	7.21	99	382768	139.37	ng	0.01
23) Nitrobenzene-d5	9.19	82	231570	93.39	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	264429	137.20	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	636623	86.86	ng	0.00
79) Terphenyl-d14	20.00	244	1485616	98.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	235	0.316	ng	# 65
3) Pyridine	4.16	79	57	0.030	ng	# 1
4) n-Nitrosodimethylamine	3.81	42	639	0.675	ng	# 1
6) Aniline	7.23	93	58	0.018	ng	# 1
8) 2-Chlorophenol	8.05	128	54	0.026	ng	# 36
9) Benzaldehyde	7.23	77	860	0.637	ng	# 7
10) Phenol	7.24	94	3384	1.348	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	499	0.257	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.55	45	326	0.116	ng	67
17) 2-Methylphenol	8.52	107	56	0.031	ng	# 9
18) Hexachloroethane	9.44	117	61	0.063	ng	# 1
20) 3+4-Methylphenols	8.52	107	56	0.022	ng	# 16
22) Acetophenone	8.85	105	138	0.042	ng	# 50
24) Nitrobenzene	9.19	77	1024	0.434	ng	# 67
25) Isophorone	9.77	82	225	0.050	ng	# 65
26) 2-Nitrophenol	10.39	139	54	0.047	ng	# 28
27) 2,4-Dimethylphenol	9.59	122	66	0.040	ng	# 1
28) bis(2-Chloroethoxy)methane	9.88	93	86	0.034	ng	# 51
31) Naphthalene	10.87	128	232	0.036	ng	# 68
35) Caprolactam	11.29	113	56	0.078	ng	# 1
37) 2-Methylnaphthalene	12.50	142	73	0.015	ng	# 15
38) 1-Methylnaphthalene	12.50	142	73	0.015	ng	# 8
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	55	0.015	ng	# 4
43) 2,4,6-Trichlorophenol	13.25	196	70	0.032	ng	# 12
44) 2,4,5-Trichlorophenol	13.25	196	70	0.031	ng	# 1
46) 1,1'-Biphenyl	13.48	154	363	0.047	ng	# 42
48) 2-Nitroaniline	14.09	65	73	0.042	ng	# 1
49) Acenaphthylene	14.72	152	92	0.010	ng	# 1
50) Dimethylphthalate	14.10	163	29253	3.729	ng	# 97
52) Acenaphthene	14.71	154	234	0.042	ng	# 72
53) 3-Nitroaniline	14.67	138	71	0.043	ng	# 1
55) Dibenzofuran	15.05	168	74	0.008	ng	# 43
56) 4-Nitrophenol	15.06	139	64	0.058	ng	# 2
58) Fluorene	15.71	166	245	0.032	ng	# 55

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) 2,3,4,6-Tetrachlorophenol	14.90	232	70	0.030	ng	#	44
60) Diethylphthalate	15.46	149	278	0.035	ng	#	58
62) 4-Nitroaniline	15.57	138	61	0.036	ng	#	8
63) Azobenzene	16.14	77	1102	0.173	ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.14	198	790	0.537	ng	#	1
66) n-Nitrosodiphenylamine	16.14	169	7364	1.043	ng	#	42
71) Phenanthrene	17.44	178	1557	0.122	ng	#	73
72) Anthracene	17.53	178	142	0.011	ng	#	60
73) Carbazole	17.85	167	53	0.005	ng	#	58
74) Di-n-butylphthalate	18.35	149	893	0.063	ng	#	69
75) Fluoranthene	19.45	202	765	0.046	ng	#	62
77) Benzidine	19.68	184	988	0.173	ng	#	47
78) Pyrene	19.80	202	507	0.029	ng	#	57
80) Butylbenzylphthalate	20.69	149	295	0.044	ng	#	1
81) Benzo(a)anthracene	21.66	228	1131	0.064	ng	#	62
82) 3,3'-Dichlorobenzidine	21.56	252	84	0.012	ng	#	23
83) Chrysene	21.71	228	165	0.009	ng	#	49
84) Bis(2-ethylhexyl)phthalate	21.54	149	1494	0.158	ng	#	81
85) Di-n-octyl phthalate	22.75	149	685	0.043	ng	#	79
86) Indeno(1,2,3-cd)pyrene	28.52	276	63	0.003	ng	#	56
88) Benzo(b)fluoranthene	23.84	252	182	0.010	ng	#	60
89) Benzo(k)fluoranthene	23.94	252	235	0.012	ng	#	1
90) Benzo(a)pyrene	24.72	252	187	0.010	ng	#	61
91) Dibenzo(a,h)anthracene	28.16	278	67	0.004	ng	#	58
92) Benzo(g,h,i)perylene	29.68	276	56	0.003	ng	#	58

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

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