Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043345.D
Acq On : 25 Oct 2019 18:40
Operator : JU
Sample : K5514-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ROLL-OFF-WATER

Quant Time: Oct 25 23:32:56 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	35513	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131623	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	105188	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	264985	20.00	ng	0.00
76) Chrysene-d12	21.67	240	298185	20.00	ng	0.00
87) Perylene-d12	24.86	264	348776	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	250296	129.15	ng	0.00
7) Phenol-d6	7.22	99	344599	123.59	ng	0.01
23) Nitrobenzene-d5	9.19	82	212652	83.29	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	251741	125.76	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	638437	83.87	ng	0.00
79) Terphenyl-d14	20.01	244	1451398	91.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	178	0.236	ng	# 5
3) Pyridine	3.76	79	54	0.028	ng	# 1
4) n-Nitrosodimethylamine	3.79	42	156	0.162	ng	# 3
6) Aniline	7.22	93	66	0.021	ng	# 1
8) 2-Chlorophenol	8.00	128	76	0.036	ng	# 36
9) Benzaldehyde	7.21	77	645	0.471	ng	# 7
10) Phenol	7.24	94	3371	1.323	ng	# 2
11) bis(2-Chloroethyl)ether	7.58	93	444	0.225	ng	# 1
14) 1,2-Dichlorobenzene	8.59	146	56	0.021	ng	# 23
15) Benzyl Alcohol	8.35	79	3770	1.925	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.67	45	57	0.020	ng	67
18) Hexachloroethane	9.19	117	59	0.060	ng	# 1
22) Acetophenone	9.19	105	60	0.018	ng	# 1
24) Nitrobenzene	9.20	77	697	0.287	ng	# 41
25) Isophorone	9.72	82	309	0.066	ng	# 65
27) 2,4-Dimethylphenol	9.75	122	54	0.032	ng	# 1
28) bis(2-Chloroethoxy)methane	9.83	93	53	0.021	ng	# 51
31) Naphthalene	10.88	128	99	0.015	ng	# 68
33) 4-Chloroaniline	10.61	127	87	0.032	ng	# 45
35) Caprolactam	11.81	113	57	0.077	ng	# 1
46) 1,1'-Biphenyl	13.49	154	659	0.082	ng	86
48) 2-Nitroaniline	13.50	65	62	0.034	ng	# 6
49) Acenaphthylene	14.35	152	56	0.006	ng	# 1
50) Dimethylphthalate	14.10	163	37304	4.579	ng	# 98
51) 2,6-Dinitrotoluene	14.10	165	483	0.273	ng	# 10
52) Acenaphthene	14.71	154	135	0.023	ng	# 17
53) 3-Nitroaniline	14.52	138	62	0.036	ng	# 1
55) Dibenzofuran	14.73	168	82	0.009	ng	# 36
56) 4-Nitrophenol	14.91	139	74	0.065	ng	# 2
58) Fluorene	16.14	166	7376	0.938	ng	# 80
60) Diethylphthalate	15.46	149	653	0.080	ng	# 58
61) 4-Chlorophenyl-phenylether	15.87	204	70	0.015	ng	# 32
63) Azobenzene	15.99	77	53	0.008	ng	# 44
65) 4,6-Dinitro-2-methylphenol	16.14	198	665	0.426	ng	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) n-Nitrosodiphenylamine	16.14	169	7041	0.941	ng	#	49
70) Pentachlorophenol	16.95	266	58	0.031	ng	#	20
71) Phenanthrene	17.44	178	439	0.032	ng	#	70
72) Anthracene	17.44	178	439	0.032	ng	#	68
74) Di-n-butylphthalate	18.35	149	1980	0.133	ng	#	73
75) Fluoranthene	19.45	202	192	0.011	ng		65
78) Pyrene	20.01	202	5623	0.305	ng	#	78
80) Butylbenzylphthalate	20.68	149	169	0.024	ng	#	25
81) Benzo(a)anthracene	21.67	228	1116	0.060	ng	#	50
82) 3,3'-Dichlorobenzidine	21.56	252	55	0.008	ng	#	23
83) Chrysene	21.70	228	85	0.005	ng	#	1
84) Bis(2-ethylhexyl)phthalate	21.55	149	2287	0.230	ng	#	95
85) Di-n-octyl phthalate	22.76	149	165	0.010	ng	#	79
86) Indeno(1,2,3-cd)pyrene	28.46	276	64	0.003	ng	#	56
88) Benzo(b)fluoranthene	23.85	252	112	0.006	ng	#	60
89) Benzo(k)fluoranthene	23.92	252	73	0.004	ng	#	1
90) Benzo(a)pyrene	24.71	252	66	0.003	ng	#	61
91) Dibenzo(a,h)anthracene	28.84	278	59	0.003	ng	#	58
92) Benzo(g,h,i)perylene	30.06	276	57	0.003	ng	#	58

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

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