Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035770.D
Acq On : 20 Jul 2018 4:34
Operator : JU/SJ
Sample : J4051-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NS-SOIL

Quant Time: Jul 20 06:08:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46864	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	157375	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	100507	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	291488	20.00	ng	0.00
75) Chrysene-d12	21.66	240	347942	20.00	ng	-0.02
86) Perylene-d12	24.85	264	329184	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	370769	131.35	ng	0.00
7) Phenol-d6	7.20	99	453850	107.76	ng	0.00
23) Nitrobenzene-d5	9.19	82	361322	95.91	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	214297	161.76	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	804065	107.18	ng	-0.01
78) Terphenyl-d14	20.00	244	1602584	101.53	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	216	0.150	ng	# 1
3) Pyridine	3.95	79	56	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	319	0.198	ng	# 1
6) Aniline	7.21	93	58	0.011	ng	# 1
8) 2-Chlorophenol	7.59	128	60	0.021	ng	# 1
9) Benzaldehyde	7.20	77	932	0.361	ng	# 5
10) Phenol	7.21	94	73	0.017	ng	# 1
11) bis(2-Chloroethyl)ether	7.56	93	702	0.211	ng	# 1
12) 1,3-Dichlorobenzene	8.01	146	63	0.018	ng	# 1
13) 1,4-Dichlorobenzene	8.07	146	71	0.020	ng	# 23
14) 1,2-Dichlorobenzene	8.37	146	53	0.016	ng	# 25
15) Benzyl Alcohol	8.35	79	6754	1.766	ng	# 64
16) 2,2'-oxybis(1-Chloropropan	8.56	45	157	0.056	ng	75
17) 2-Methylphenol	8.62	107	56	0.019	ng	# 13
18) Hexachloroethane	8.97	117	54	0.040	ng	# 1
20) 3+4-Methylphenols	8.62	107	56	0.014	ng	# 24
22) Acetophenone	8.85	105	140	0.029	ng	# 30
24) Nitrobenzene	9.19	77	1216	0.321	ng	# 46
25) Isophorone	9.68	82	299	0.043	ng	# 69
26) 2-Nitrophenol	10.16	139	58	0.043	ng	# 29
30) 1,2,4-Trichlorobenzene	10.65	180	57	0.018	ng	# 12
31) Naphthalene	10.88	128	2419	0.295	ng	# 82
33) 4-Chloroaniline	10.91	127	116	0.032	ng	# 46
36) 4-Chloro-3-methylphenol	11.76	107	57	0.016	ng	# 22
37) 2-Methylnaphthalene	12.53	142	73	0.012	ng	# 17
45) 1,1'-Biphenyl	13.49	154	590	0.076	ng	80
46) 2-Chloronaphthalene	13.91	162	56	0.009	ng	# 39
47) 2-Nitroaniline	13.74	65	61	0.028	ng	# 9
48) Acenaphthylene	14.64	152	55	0.005	ng	# 59
51) Acenaphthene	14.77	154	59	0.009	ng	# 5
57) Fluorene	16.14	166	6782	0.804	ng	# 85
59) Diethylphthalate	15.48	149	92	0.010	ng	# 58
60) 4-Chlorophenyl-phenylether	15.86	204	60	0.012	ng	# 30
61) 4-Nitroaniline	16.22	138	80	0.042	ng	# 12

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) Azobenzene	16.11	77	66	0.007	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.42	198	53	0.033	ng	#	29
65) n-Nitrosodiphenylamine	16.14	169	9461	1.140	ng	#	49
67) Hexachlorobenzene	16.88	284	82	0.024	ng	#	41
69) Pentachlorophenol	17.03	266	54	0.025	ng	#	19
70) Phenanthrene	17.44	178	307	0.021	ng	#	60
71) Anthracene	17.44	178	307	0.021	ng	#	59
72) Carbazole	17.79	167	57	0.004	ng	#	59
73) Di-n-butylphthalate	18.37	149	1826	0.112	ng	#	78
74) Fluoranthene	19.47	202	865	0.044	ng		65
77) Pyrene	19.83	202	1138	0.052	ng	#	65
79) Butylbenzylphthalate	20.69	149	196	0.025	ng	#	60
80) Benzo(a)anthracene	21.66	228	2145	0.099	ng	#	65
81) 3,3'-Dichlorobenzidine	21.59	252	60	0.008	ng	#	26
82) Chrysene	21.74	228	160	0.008	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.54	149	2384	0.223	ng	#	73
84) Di-n-octyl phthalate	22.74	149	984	0.055	ng	#	11
85) Indeno(1,2,3-cd)pyrene	28.91	276	99	0.004	ng	#	53
87) Benzo(b)fluoranthene	23.86	252	773	0.039	ng	#	68
88) Benzo(k)fluoranthene	23.88	252	240	0.012	ng	#	40
89) Benzo(a)pyrene	24.72	252	393	0.021	ng	#	59
90) Dibenzo(a,h)anthracene	28.68	278	61	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.83	276	54	0.003	ng	#	56

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

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