Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035775.D
Acq On : 20 Jul 2018 8:28
Operator : JU/SJ
Sample : J4057-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SOIL-2

Quant Time: Jul 20 11:42:03 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	44846	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	154284	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	104335	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	295836	20.00	ng	0.00
75) Chrysene-d12	21.66	240	387734	20.00	ng	-0.02
86) Perylene-d12	24.85	264	373430	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	304745	112.82	ng	-0.01
7) Phenol-d6	7.20	99	384643	95.44	ng	0.00
23) Nitrobenzene-d5	9.19	82	312628	84.65	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	208615	151.70	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	726881	93.34	ng	-0.01
78) Terphenyl-d14	20.00	244	1551935	88.23	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	80	0.058	ng	# 1
3) Pyridine	4.02	79	54	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	602	0.391	ng	# 1
6) Aniline	7.23	93	167	0.032	ng	# 1
8) 2-Chlorophenol	7.56	128	56	0.020	ng	# 1
9) Benzaldehyde	7.18	77	376	0.152	ng	# 5
10) Phenol	7.22	94	4141	1.017	ng	# 40
11) bis(2-Chloroethyl)ether	7.53	93	61	0.019	ng	# 16
12) 1,3-Dichlorobenzene	8.04	146	68	0.020	ng	# 1
13) 1,4-Dichlorobenzene	8.04	146	68	0.020	ng	# 23
14) 1,2-Dichlorobenzene	8.35	146	237	0.073	ng	# 1
15) Benzyl Alcohol	8.35	79	5038	1.377	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	8.55	45	432	0.162	ng	75
18) Hexachloroethane	9.03	117	122	0.095	ng	# 1
20) 3+4-Methylphenols	9.19	107	74	0.019	ng	# 1
22) Acetophenone	8.86	105	278	0.058	ng	# 50
24) Nitrobenzene	9.19	77	896	0.241	ng	# 24
25) Isophorone	9.40	82	915	0.133	ng	# 69
26) 2-Nitrophenol	10.26	139	74	0.056	ng	# 29
28) bis(2-Chloroethoxy)methane	10.47	93	64	0.017	ng	# 51
29) 2,4-Dichlorophenol	10.93	162	62	0.024	ng	# 23
30) 1,2,4-Trichlorobenzene	10.44	180	75	0.024	ng	# 12
31) Naphthalene	10.90	128	2764	0.344	ng	# 75
33) 4-Chloroaniline	10.90	127	549	0.157	ng	# 46
35) Caprolactam	11.74	113	73	0.067	ng	# 1
37) 2-Methylnaphthalene	12.50	142	411	0.069	ng	# 78
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	79	0.020	ng	# 25
40) Hexachlorocyclopentadiene	12.56	237	55	0.027	ng	# 22
45) 1,1'-Biphenyl	13.49	154	1120	0.138	ng	# 68
46) 2-Chloronaphthalene	13.70	162	92	0.015	ng	# 39
47) 2-Nitroaniline	13.65	65	59	0.027	ng	# 9
48) Acenaphthylene	14.40	152	59	0.006	ng	# 59
49) Dimethylphthalate	14.11	163	25200	2.757	ng	# 95
51) Acenaphthene	14.72	154	540	0.082	ng	# 24

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	14.37	138	79	0.042	ng	#	1
55) 4-Nitrophenol	15.08	139	57	0.042	ng	#	1
57) Fluorene	16.14	166	7626	0.871	ng	#	81
58) 2,3,4,6-Tetrachlorophenol	15.29	232	76	0.031	ng	#	41
59) Diethylphthalate	15.46	149	646	0.069	ng	#	17
60) 4-Chlorophenyl-phenylether	15.69	204	60	0.012	ng	#	30
61) 4-Nitroaniline	16.15	138	98	0.049	ng	#	1
62) Azobenzene	15.99	77	65	0.007	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.57	198	63	0.038	ng	#	29
65) n-Nitrosodiphenylamine	16.14	169	7574	0.899	ng	#	53
67) Hexachlorobenzene	16.38	284	59	0.017	ng	#	41
68) Atrazine	16.85	200	65	0.019	ng	#	35
69) Pentachlorophenol	16.98	266	91	0.042	ng	#	19
70) Phenanthrene	17.44	178	460	0.031	ng	#	60
71) Anthracene	17.55	178	81	0.006	ng	#	59
72) Carbazole	17.79	167	139	0.010	ng	#	59
73) Di-n-butylphthalate	18.36	149	2398	0.145	ng	#	69
74) Fluoranthene	19.45	202	425	0.021	ng		65
77) Pyrene	19.82	202	716	0.029	ng	#	57
79) Butylbenzylphthalate	20.69	149	494	0.056	ng	#	48
80) Benzo(a)anthracene	21.65	228	1987	0.082	ng	#	50
81) 3,3'-Dichlorobenzidine	21.55	252	62	0.007	ng	#	1
82) Chrysene	21.70	228	691	0.031	ng	#	43
83) Bis(2-ethylhexyl)phthalate	21.54	149	1893	0.159	ng	#	86
84) Di-n-octyl phthalate	22.74	149	1135	0.057	ng	#	76
85) Indeno(1,2,3-cd)pyrene	28.54	276	69	0.003	ng	#	1
87) Benzo(b)fluoranthene	23.84	252	140	0.006	ng	#	59
88) Benzo(k)fluoranthene	23.92	252	1280	0.058	ng	#	38
89) Benzo(a)pyrene	24.69	252	421	0.020	ng	#	37
90) Dibenzo(a,h)anthracene	28.59	278	58	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.72	276	58	0.003	ng	#	1

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

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