Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035776.D
Acq On : 20 Jul 2018 9:07
Operator : JU/SJ
Sample : J4057-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SOIL-3

Quant Time: Jul 20 11:47:44 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	46904	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	161174	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	106512	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	307471	20.00	ng	0.00
75) Chrysene-d12	21.66	240	346204	20.00	ng	-0.02
86) Perylene-d12	24.86	264	329169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	397301	140.63	ng	0.00
7) Phenol-d6	7.20	99	509253	120.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	400041	103.69	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	251110	178.87	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	879040	110.57	ng	-0.01
78) Terphenyl-d14	20.00	244	1698537	108.15	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	199	0.138	ng	# 1
3) Pyridine	3.84	79	113	0.030	ng	# 6
4) n-Nitrosodimethylamine	3.83	42	266	0.165	ng	# 1
6) Aniline	7.56	93	852	0.156	ng	# 1
8) 2-Chlorophenol	7.62	128	75	0.026	ng	# 61
9) Benzaldehyde	7.19	77	1340	0.518	ng	# 5
10) Phenol	7.20	94	79	0.019	ng	# 1
11) bis(2-Chloroethyl)ether	7.56	93	852	0.255	ng	# 1
12) 1,3-Dichlorobenzene	8.02	146	56	0.016	ng	# 1
13) 1,4-Dichlorobenzene	8.07	146	54	0.015	ng	# 23
14) 1,2-Dichlorobenzene	8.35	146	74	0.022	ng	# 1
15) Benzyl Alcohol	8.35	79	7124	1.861	ng	# 58
16) 2,2'-oxybis(1-Chloropropan	8.57	45	561	0.201	ng	75
17) 2-Methylphenol	8.45	107	68	0.023	ng	# 13
18) Hexachloroethane	8.78	117	60	0.045	ng	# 1
20) 3+4-Methylphenols	8.93	107	81	0.020	ng	# 24
22) Acetophenone	8.83	105	60	0.012	ng	# 50
24) Nitrobenzene	9.18	77	1103	0.284	ng	# 42
25) Isophorone	9.56	82	530	0.074	ng	# 69
26) 2-Nitrophenol	10.00	139	62	0.045	ng	# 29
27) 2,4-Dimethylphenol	9.50	122	57	0.024	ng	# 1
28) bis(2-Chloroethoxy)methane	10.22	93	72	0.018	ng	# 51
29) 2,4-Dichlorophenol	10.42	162	68	0.026	ng	# 23
31) Naphthalene	10.88	128	835	0.099	ng	# 68
33) 4-Chloroaniline	10.89	127	73	0.020	ng	# 46
35) Caprolactam	11.49	113	54	0.047	ng	# 1
37) 2-Methylnaphthalene	12.36	142	102	0.016	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	54	0.013	ng	# 25
40) Hexachlorocyclopentadiene	13.04	237	72	0.034	ng	# 22
42) 2,4,6-Trichlorophenol	12.98	196	63	0.027	ng	# 11
43) 2,4,5-Trichlorophenol	12.98	196	63	0.024	ng	# 17
45) 1,1'-Biphenyl	13.50	154	1080	0.131	ng	# 70
47) 2-Nitroaniline	13.85	65	59	0.026	ng	# 9
48) Acenaphthylene	14.50	152	56	0.005	ng	# 59

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	14.72	154	74	0.011	ng	#	28
52) 3-Nitroaniline	14.37	138	91	0.047	ng	#	1
54) Dibenzofuran	15.09	168	54	0.005	ng	#	46
55) 4-Nitrophenol	14.95	139	58	0.042	ng	#	1
57) Fluorene	16.13	166	8379	0.938	ng	#	84
58) 2,3,4,6-Tetrachlorophenol	15.24	232	62	0.025	ng	#	40
59) Diethylphthalate	15.47	149	59	0.006	ng	#	58
60) 4-Chlorophenyl-phenylether	15.33	204	59	0.011	ng	#	30
61) 4-Nitroaniline	16.15	138	78	0.038	ng	#	1
62) Azobenzene	16.05	77	53	0.006	ng	#	48
64) 4,6-Dinitro-2-methylphenol	16.14	198	710	0.415	ng	#	1
65) n-Nitrosodiphenylamine	16.14	169	9712	1.110	ng	#	48
68) Atrazine	16.99	200	117	0.032	ng	#	35
70) Phenanthrene	17.43	178	459	0.030	ng	#	60
71) Anthracene	17.48	178	63	0.004	ng	#	59
72) Carbazole	17.87	167	72	0.005	ng	#	59
73) Di-n-butylphthalate	18.35	149	1022	0.060	ng	#	78
74) Fluoranthene	19.47	202	869	0.042	ng		65
77) Pyrene	19.82	202	755	0.034	ng	#	57
79) Butylbenzylphthalate	20.69	149	98	0.013	ng	#	70
80) Benzo(a)anthracene	21.66	228	1986	0.092	ng	#	91
81) 3,3'-Dichlorobenzidine	21.52	252	56	0.007	ng	#	26
82) Chrysene	21.71	228	566	0.028	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.53	149	1068	0.100	ng	#	79
84) Di-n-octyl phthalate	22.73	149	419	0.024	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.60	276	54	0.002	ng	#	53
87) Benzo(b)fluoranthene	23.83	252	62	0.003	ng	#	59
88) Benzo(k)fluoranthene	23.92	252	929	0.047	ng	#	60
89) Benzo(a)pyrene	24.71	252	282	0.015	ng	#	37
90) Dibenzo(a,h)anthracene	28.75	278	54	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.83	276	72	0.004	ng	#	1

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

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