Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035778.D
Acq On : 20 Jul 2018 10:24
Operator : JU/SJ
Sample : J4057-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SOIL-5

Quant Time: Jul 20 12:02:37 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	46313	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	157737	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	108155	20.00	ng	-0.01
63) Phenanthrene-d10	17.39	188	288169	20.00	ng	-0.01
75) Chrysene-d12	21.66	240	354789	20.00	ng	-0.02
86) Perylene-d12	24.86	264	329439	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	344671	123.56	ng	0.00
7) Phenol-d6	7.20	99	422714	101.57	ng	0.00
23) Nitrobenzene-d5	9.19	82	350319	92.78	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	208021	145.92	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	785562	97.31	ng	-0.01
78) Terphenyl-d14	20.00	244	1530440	95.09	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	307	0.216	ng	# 1
3) Pyridine	3.99	79	65	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	877	0.551	ng	# 4
6) Aniline	7.39	93	62	0.011	ng	# 41
8) 2-Chlorophenol	7.57	128	82	0.029	ng	# 1
9) Benzaldehyde	7.21	77	801	0.314	ng	# 5
10) Phenol	7.20	94	114	0.027	ng	# 1
11) bis(2-Chloroethyl)ether	7.39	93	62	0.019	ng	# 16
12) 1,3-Dichlorobenzene	8.03	146	68	0.020	ng	# 1
13) 1,4-Dichlorobenzene	8.03	146	68	0.020	ng	# 1
14) 1,2-Dichlorobenzene	8.34	146	230	0.069	ng	# 1
15) Benzyl Alcohol	8.35	79	7000	1.852	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	8.56	45	260	0.094	ng	75
17) 2-Methylphenol	8.41	107	59	0.021	ng	# 13
18) Hexachloroethane	9.21	117	61	0.046	ng	# 1
20) 3+4-Methylphenols	8.41	107	59	0.015	ng	# 24
22) Acetophenone	8.86	105	64	0.013	ng	# 15
24) Nitrobenzene	9.25	77	62	0.016	ng	# 42
25) Isophorone	9.59	82	564	0.080	ng	# 69
27) 2,4-Dimethylphenol	9.64	122	100	0.044	ng	# 1
28) bis(2-Chloroethoxy)methane	10.46	93	65	0.017	ng	# 51
31) Naphthalene	10.88	128	3937	0.479	ng	# 93
32) Benzoic acid	9.64	122	100	0.065	ng	# 1
33) 4-Chloroaniline	10.98	127	55	0.015	ng	# 46
35) Caprolactam	11.78	113	55	0.049	ng	# 1
36) 4-Chloro-3-methylphenol	12.41	107	75	0.021	ng	# 22
37) 2-Methylnaphthalene	12.51	142	269	0.044	ng	# 57
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	57	0.014	ng	# 25
40) Hexachlorocyclopentadiene	12.89	237	57	0.027	ng	# 22
42) 2,4,6-Trichlorophenol	13.25	196	71	0.030	ng	# 11
43) 2,4,5-Trichlorophenol	13.25	196	71	0.027	ng	# 1
45) 1,1'-Biphenyl	13.50	154	974	0.116	ng	87
47) 2-Nitroaniline	13.72	65	76	0.033	ng	# 9
48) Acenaphthylene	14.38	152	86	0.008	ng	# 59

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	13.87	163	65	0.007	ng	#	77
51) Acenaphthene	14.73	154	215	0.032	ng	#	53
54) Dibenzofuran	15.11	168	148	0.014	ng	#	46
55) 4-Nitrophenol	15.10	139	69	0.049	ng	#	1
57) Fluorene	16.14	166	7729	0.852	ng	#	94
58) 2,3,4,6-Tetrachlorophenol	15.29	232	62	0.024	ng	#	40
59) Diethylphthalate	15.47	149	54	0.006	ng	#	58
61) 4-Nitroaniline	16.15	138	54	0.026	ng	#	1
62) Azobenzene	15.99	77	70	0.007	ng	#	48
64) 4,6-Dinitro-2-methylphenol	15.71	198	75	0.047	ng	#	29
65) n-Nitrosodiphenylamine	16.14	169	8345	1.017	ng	#	41
67) Hexachlorobenzene	16.91	284	133	0.039	ng	#	41
69) Pentachlorophenol	17.23	266	62	0.030	ng	#	19
70) Phenanthrene	17.44	178	880	0.061	ng	#	71
71) Anthracene	17.44	178	880	0.061	ng	#	70
72) Carbazole	17.41	167	146	0.011	ng	#	59
73) Di-n-butylphthalate	18.37	149	1030	0.064	ng	#	78
74) Fluoranthene	19.08	202	57	0.003	ng		65
77) Pyrene	19.82	202	602	0.027	ng	#	38
79) Butylbenzylphthalate	20.69	149	271	0.034	ng	#	54
80) Benzo(a)anthracene	21.62	228	107	0.005	ng	#	50
81) 3,3'-Dichlorobenzidine	21.60	252	63	0.008	ng	#	26
82) Chrysene	21.73	228	282	0.014	ng	#	1
83) Bis(2-ethylhexyl)phthalate	21.54	149	1536	0.141	ng	#	84
84) Di-n-octyl phthalate	22.72	149	302	0.017	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.31	276	73	0.003	ng	#	53
87) Benzo(b)fluoranthene	23.83	252	150	0.007	ng	#	22
88) Benzo(k)fluoranthene	23.90	252	485	0.025	ng	#	60
89) Benzo(a)pyrene	24.71	252	357	0.019	ng	#	59
90) Dibenzo(a,h)anthracene	28.60	278	121	0.007	ng	#	58
91) Benzo(g,h,i)perylene	29.71	276	56	0.003	ng	#	56

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

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