Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035777.D
Acq On : 20 Jul 2018 9:46
Operator : JU/SJ
Sample : J4057-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SOIL-4

Quant Time: Jul 20 12:00:11 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	46961	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	162701	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	109567	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	296736	20.00	ng	0.00
75) Chrysene-d12	21.66	240	342935	20.00	ng	-0.02
86) Perylene-d12	24.86	264	330026	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	369642	130.68	ng	0.00
7) Phenol-d6	7.20	99	462160	109.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	376305	96.62	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	229225	158.73	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	825849	100.98	ng	-0.01
78) Terphenyl-d14	20.01	244	1588447	102.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	573	0.398	ng	# 1
3) Pyridine	3.89	79	59	0.016	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	218	0.135	ng	# 1
6) Aniline	7.38	93	60	0.011	ng	# 41
8) 2-Chlorophenol	7.56	128	259	0.090	ng	# 1
9) Benzaldehyde	7.20	77	894	0.345	ng	# 5
10) Phenol	7.20	94	151	0.035	ng	# 1
11) bis(2-Chloroethyl)ether	7.38	93	60	0.018	ng	# 16
12) 1,3-Dichlorobenzene	7.90	146	55	0.016	ng	# 26
13) 1,4-Dichlorobenzene	7.90	146	55	0.016	ng	# 23
14) 1,2-Dichlorobenzene	8.36	146	250	0.074	ng	# 1
15) Benzyl Alcohol	8.35	79	6756	1.763	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	8.54	45	287	0.103	ng	75
17) 2-Methylphenol	8.53	107	83	0.029	ng	# 13
20) 3+4-Methylphenols	8.53	107	83	0.021	ng	# 24
22) Acetophenone	8.84	105	62	0.012	ng	# 50
24) Nitrobenzene	9.23	77	59	0.015	ng	# 42
25) Isophorone	9.77	82	321	0.044	ng	# 69
26) 2-Nitrophenol	9.93	139	54	0.039	ng	# 29
27) 2,4-Dimethylphenol	9.86	122	56	0.024	ng	# 1
29) 2,4-Dichlorophenol	10.16	162	59	0.022	ng	# 23
30) 1,2,4-Trichlorobenzene	11.17	180	54	0.016	ng	# 12
31) Naphthalene	10.88	128	3688	0.435	ng	97
32) Benzoic acid	9.86	122	56	0.035	ng	# 1
33) 4-Chloroaniline	10.88	127	152	0.041	ng	# 36
35) Caprolactam	11.36	113	63	0.055	ng	# 1
36) 4-Chloro-3-methylphenol	12.13	107	60	0.017	ng	# 22
37) 2-Methylnaphthalene	12.50	142	478	0.076	ng	# 70
39) 1,2,4,5-Tetrachlorobenzene	13.21	216	61	0.015	ng	# 25
40) Hexachlorocyclopentadiene	13.23	237	55	0.025	ng	# 22
45) 1,1'-Biphenyl	13.50	154	1118	0.132	ng	70
46) 2-Chloronaphthalene	13.27	162	71	0.011	ng	# 1
47) 2-Nitroaniline	14.11	65	61	0.026	ng	# 9
48) Acenaphthylene	14.72	152	137	0.012	ng	# 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	14.71	154	146	0.021	ng	#	19
52) 3-Nitroaniline	14.78	138	55	0.028	ng	#	1
54) Dibenzofuran	15.09	168	58	0.005	ng	#	46
55) 4-Nitrophenol	14.67	139	68	0.048	ng	#	47
57) Fluorene	16.14	166	8286	0.902	ng	#	78
58) 2,3,4,6-Tetrachlorophenol	14.78	232	64	0.025	ng	#	40
59) Diethylphthalate	15.48	149	1423	0.144	ng	#	58
60) 4-Chlorophenyl-phenylether	16.10	204	56	0.010	ng	#	30
61) 4-Nitroaniline	15.72	138	90	0.043	ng	#	12
62) Azobenzene	16.13	77	702	0.072	ng	#	64
64) 4,6-Dinitro-2-methylphenol	16.14	198	755	0.457	ng	#	52
65) n-Nitrosodiphenylamine	16.14	169	9614	1.138	ng	#	43
67) Hexachlorobenzene	17.00	284	58	0.016	ng	#	41
68) Atrazine	16.38	200	70	0.020	ng	#	35
69) Pentachlorophenol	17.24	266	71	0.033	ng	#	19
70) Phenanthrene	17.43	178	517	0.035	ng	#	62
71) Anthracene	17.43	178	517	0.035	ng	#	62
72) Carbazole	17.87	167	120	0.009	ng	#	59
73) Di-n-butylphthalate	18.37	149	870	0.053	ng	#	78
74) Fluoranthene	19.47	202	560	0.028	ng		65
77) Pyrene	19.82	202	952	0.044	ng	#	75
79) Butylbenzylphthalate	20.69	149	199	0.026	ng	#	20
80) Benzo(a)anthracene	21.67	228	1290	0.060	ng	#	60
81) 3,3'-Dichlorobenzidine	21.52	252	105	0.014	ng	#	26
82) Chrysene	21.72	228	535	0.027	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.53	149	562	0.053	ng	#	50
84) Di-n-octyl phthalate	22.74	149	592	0.034	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.52	276	55	0.003	ng	#	53
87) Benzo(b)fluoranthene	23.86	252	357	0.018	ng	#	2
88) Benzo(k)fluoranthene	23.89	252	176	0.009	ng	#	60
89) Benzo(a)pyrene	24.72	252	616	0.033	ng	#	36
90) Dibenzo(a,h)anthracene	28.51	278	55	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.43	276	72	0.004	ng	#	56

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

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