Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035772.D
Acq On : 20 Jul 2018 5:52
Operator : JU/SJ
Sample : J4057-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SOIL-1

Quant Time: Jul 20 07:16:54 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	43654	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	150300	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	99516	20.00	ng	-0.01
63) Phenanthrene-d10	17.39	188	269235	20.00	ng	-0.01
75) Chrysene-d12	21.66	240	336570	20.00	ng	-0.02
86) Perylene-d12	24.85	264	323307	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	353466	134.43	ng	0.00
7) Phenol-d6	7.20	99	424370	108.17	ng	0.00
23) Nitrobenzene-d5	9.19	82	348745	96.93	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	205624	156.76	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	788878	106.20	ng	-0.01
78) Terphenyl-d14	20.00	244	1598155	104.67	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	96	0.072	ng	# 1
3) Pyridine	3.90	79	116	0.033	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	579	0.386	ng	# 3
6) Aniline	7.52	93	62	0.012	ng	# 41
8) 2-Chlorophenol	7.54	128	61	0.023	ng	# 1
9) Benzaldehyde	7.20	77	880	0.366	ng	# 5
10) Phenol	7.25	94	54	0.014	ng	# 1
11) bis(2-Chloroethyl)ether	7.52	93	62	0.020	ng	# 16
12) 1,3-Dichlorobenzene	7.93	146	66	0.020	ng	# 26
13) 1,4-Dichlorobenzene	7.93	146	66	0.020	ng	# 23
14) 1,2-Dichlorobenzene	8.36	146	115	0.036	ng	# 1
15) Benzyl Alcohol	8.35	79	6004	1.685	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	8.56	45	159	0.061	ng	75
18) Hexachloroethane	9.48	117	55	0.044	ng	# 1
22) Acetophenone	8.87	105	127	0.027	ng	# 50
24) Nitrobenzene	9.23	77	145	0.040	ng	# 42
25) Isophorone	9.74	82	330	0.049	ng	# 69
27) 2,4-Dimethylphenol	10.22	122	55	0.025	ng	# 1
28) bis(2-Chloroethoxy)methane	10.35	93	55	0.015	ng	# 51
29) 2,4-Dichlorophenol	10.81	162	57	0.023	ng	# 23
30) 1,2,4-Trichlorobenzene	10.87	180	57	0.019	ng	# 12
31) Naphthalene	10.88	128	1247	0.159	ng	# 68
32) Benzoic acid	10.22	122	55	0.038	ng	# 1
33) 4-Chloroaniline	10.90	127	135	0.040	ng	# 46
35) Caprolactam	12.16	113	62	0.058	ng	# 1
36) 4-Chloro-3-methylphenol	12.31	107	60	0.018	ng	# 22
37) 2-Methylnaphthalene	12.46	142	56	0.010	ng	# 17
40) Hexachlorocyclopentadiene	13.03	237	95	0.048	ng	# 22
45) 1,1'-Biphenyl	13.49	154	739	0.096	ng	87
46) 2-Chloronaphthalene	13.74	162	54	0.009	ng	# 39
47) 2-Nitroaniline	13.76	65	57	0.027	ng	# 9
48) Acenaphthylene	14.51	152	92	0.009	ng	# 59
49) Dimethylphthalate	14.14	163	75	0.009	ng	# 77
51) Acenaphthene	14.72	154	1082	0.173	ng	83

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	14.67	138	90	0.050	ng	#	1
54) Dibenzofuran	15.09	168	567	0.057	ng	#	46
55) 4-Nitrophenol	14.99	139	56	0.043	ng	#	1
57) Fluorene	15.72	166	836	0.100	ng	#	41
58) 2,3,4,6-Tetrachlorophenol	15.07	232	58	0.025	ng	#	40
59) Diethylphthalate	15.46	149	5773	0.644	ng	#	90
61) 4-Nitroaniline	15.72	138	78	0.041	ng	#	12
62) Azobenzene	15.86	77	60	0.007	ng	#	48
64) 4,6-Dinitro-2-methylphenol	16.13	198	802	0.535	ng	#	27
65) n-Nitrosodiphenylamine	16.14	169	8565	1.118	ng	#	53
68) Atrazine	16.66	200	66	0.021	ng	#	35
70) Phenanthrene	17.44	178	1932	0.144	ng	#	60
71) Anthracene	17.54	178	77	0.006	ng	#	59
72) Carbazole	17.86	167	57	0.004	ng	#	59
73) Di-n-butylphthalate	18.36	149	1123	0.075	ng	#	78
74) Fluoranthene	19.46	202	1536	0.085	ng		82
77) Pyrene	19.82	202	1302	0.061	ng		94
79) Butylbenzylphthalate	20.69	149	142	0.019	ng	#	20
80) Benzo(a)anthracene	21.65	228	1490	0.071	ng	#	64
81) 3,3'-Dichlorobenzidine	21.56	252	54	0.007	ng	#	26
82) Chrysene	21.69	228	107	0.006	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.53	149	568	0.055	ng	#	50
84) Di-n-octyl phthalate	22.74	149	1271	0.073	ng	#	68
85) Indeno(1,2,3-cd)pyrene	28.60	276	56	0.003	ng	#	1
87) Benzo(b)fluoranthene	23.84	252	677	0.034	ng	#	59
88) Benzo(k)fluoranthene	23.92	252	1194	0.062	ng	#	60
89) Benzo(a)pyrene	24.71	252	407	0.022	ng	#	59
90) Dibenzo(a,h)anthracene	28.54	278	57	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.51	276	86	0.005	ng	#	56

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

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