Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045980.D
Acq On : 8 Jul 2020 14:35
Operator : CG/JU
Sample : L3216-02
Misc : LOO-SOIL-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2020

Quant Time: Jul 08 15:24:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	135521	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	543499	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	322615	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	667578	20.00	ng		0.00
76) Chrysene-d12	21.63	240	607314	20.00	ng		0.00
86) Perylene-d12	24.78	264	601012	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	826502	98.90	ng		0.00
7) Phenol-d6	7.16	99	1204858	100.14	ng		0.00
23) Nitrobenzene-d5	9.16	82	791804	83.85	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	297934	99.50	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1534174	74.18	ng		0.00
79) Terphenyl-d14	19.99	244	1612590	59.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	43098	11.178	ng	#	97
3) Pyridine	3.90	79	91594	7.857	ng		98
4) n-Nitrosodimethylamine	3.82	42	37186	9.433	ng		96
6) Aniline	7.33	93	146123	9.494	ng		98
8) 2-Chlorophenol	7.57	128	85322	9.484	ng		98
9) Benzaldehyde	7.14	77	131463	17.246	ng		94
10) Phenol	7.19	94	112510	9.322	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	91068	9.125	ng		97
12) 1,3-Dichlorobenzene	7.90	146	94648	9.128	ng		99
13) 1,4-Dichlorobenzene	8.05	146	95545	9.367	ng		96
14) 1,2-Dichlorobenzene	8.36	146	90396	9.208	ng		98
15) Benzyl Alcohol	8.24	79	85819	9.097	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	121502	9.331	ng		96
17) 2-Methylphenol	8.44	107	75591	8.347	ng		98
18) Hexachloroethane	9.10	117	35905	9.148	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	78621	9.302	ng		98
20) 3+4-Methylphenols	8.76	107	100224	8.120	ng		100
22) Acetophenone	8.82	105	212455	14.632	ng	#	95
24) Nitrobenzene	9.20	77	107173	10.283	ng		97
25) Isophorone	9.73	82	208035	9.025	ng		98
26) 2-Nitrophenol	9.91	139	32410	9.541	ng		97
27) 2,4-Dimethylphenol	9.97	122	77968	9.502	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	119254	9.213	ng		99
29) 2,4-Dichlorophenol	10.45	162	72471	8.532	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	85659	9.102	ng		94
31) Naphthalene	10.85	128	273840	9.399	ng		97
32) Benzoic acid	10.05	122	45646	10.274	ng		89
33) 4-Chloroaniline	10.95	127	114121	8.765	ng		97
34) Hexachlorobutadiene	11.15	225	46769	8.511	ng		93
35) Caprolactam	11.69	113	26183	8.119	ng		95
36) 4-Chloro-3-methylphenol	12.07	107	84720	8.757	ng		97
37) 2-Methylnaphthalene	12.46	142	198151	9.567	ng		98
38) 1-Methylnaphthalene	12.67	142	183244	9.375	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	139070	15.292	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045980.D
Acq On : 8 Jul 2020 14:35
Operator : CG/JU
Sample : L3216-02
Misc : LOO-SOIL-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2020

Quant Time: Jul 08 15:24:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	47674	8.835	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	52756	8.578	ng		98
44) 2,4,5-Trichlorophenol	13.13	196	57560	8.277	ng		94
46) 1,1'-Biphenyl	13.47	154	390907	16.107	ng		98
47) 2-Chloronaphthalene	13.50	162	174503	9.113	ng		100
48) 2-Nitroaniline	13.69	65	47006	10.489	ng		97
49) Acenaphthylene	14.35	152	295893	9.577	ng		99
50) Dimethylphthalate	14.08	163	216907	8.959	ng		98
51) 2,6-Dinitrotoluene	14.19	165	39416	10.492	ng		97
52) Acenaphthene	14.69	154	175820	9.022	ng		97
53) 3-Nitroaniline	14.51	138	43625	9.371	ng	#	88
54) 2,4-Dinitrophenol	14.72	184	13497	10.185	ng	#	73
55) Dibenzofuran	15.02	168	269910	9.449	ng		98
56) 4-Nitrophenol	14.81	139	34999	8.873	ng		96
57) 2,4-Dinitrotoluene	14.97	165	47820	10.302	ng	#	95
58) Fluorene	15.68	166	219979	9.387	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	48496	9.032	ng		92
60) Diethylphthalate	15.45	149	222313	8.755	ng		95
61) 4-Chlorophenyl-phenylether	15.67	204	101419	8.699	ng		97
62) 4-Nitroaniline	15.68	138	47590	9.510	ng		96
63) Azobenzene	15.96	77	258306	9.478	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	14737	7.537	ng		86
66) n-Nitrosodiphenylamine	15.88	169	189533	9.162	ng		96
67) 4-Bromophenyl-phenylether	16.56	248	61712	8.277	ng		95
68) Hexachlorobenzene	16.69	284	64532	8.625	ng		97
69) Atrazine	16.83	200	62678	10.248	ng		92
70) Pentachlorophenol	17.02	266	30104	7.237	ng		93
71) Phenanthrene	17.41	178	333971	9.463	ng		94
72) Anthracene	17.50	178	346140	9.664	ng		95
73) Carbazole	17.77	167	319569	8.901	ng		96
74) Di-n-butylphthalate	18.35	149	385277	8.881	ng		96
75) Fluoranthene	19.42	202	392428	9.618	ng		95
77) Benzidine	19.59	184	200298	11.535	ng		99
78) Pyrene	19.78	202	398547	9.614	ng		94
80) Butylbenzylphthalate	20.68	149	160923	8.214	ng		99
81) Benzo(a)anthracene	21.61	228	371533	9.304	ng		95
82) 3,3'-Dichlorobenzidine	21.52	252	135431	9.178	ng		98
83) Chrysene	21.67	228	348958	9.173	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	247064	8.688	ng		92
85) Di-n-octyl phthalate	22.75	149	404805	8.203	ng		98
87) Indeno(1,2,3-cd)pyrene	28.35	276	400305	9.104	ng		98
88) Benzo(b)fluoranthene	23.78	252	357827	9.379	ng		99
89) Benzo(k)fluoranthene	23.85	252	360949	10.005	ng		97
90) Benzo(a)pyrene	24.63	252	324701	9.051	ng		98
91) Dibenzo(a,h)anthracene	28.43	278	328312	9.258	ng		96
92) Benzo(g,h,i)perylene	29.46	276	334082	9.361	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045980.D
Acq On : 8 Jul 2020 14:35
Operator : CG/JU
Sample : L3216-02
Misc : LOO-SOIL-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Quant Time: Jul 08 15:24:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration