Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
Data File : BG045385.D
Acq On : 14 May 2020 19:50
Operator : CG/JU
Sample : L2500-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-051220MSD

Quant Time: May 15 01:18:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 13:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	76197	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	321687	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	238650	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	570445	20.00	ng		0.00
76) Chrysene-d12	21.63	240	517012	20.00	ng		0.00
87) Perylene-d12	24.79	264	564768	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	363480	78.75	ng		0.00
7) Phenol-d6	7.14	99	458292	66.83	ng		0.00
23) Nitrobenzene-d5	9.13	82	386351	54.80	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	324452	88.00	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	931011	57.20	ng		0.00
79) Terphenyl-d14	19.98	244	1669859	70.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	45524	22.195	ng	#	33
3) Pyridine	3.83	79	104840	16.601	ng		96
4) n-Nitrosodimethylamine	3.73	42	51314	26.524	ng		91
6) Aniline	7.29	93	142953	16.034	ng		100
8) 2-Chlorophenol	7.53	128	148842	30.007	ng		98
9) Benzaldehyde	7.10	77	104998	23.393	ng		89
10) Phenol	7.17	94	165508	24.120	ng		97
11) bis(2-Chloroethyl)ether	7.39	93	141210	25.847	ng		96
12) 1,3-Dichlorobenzene	7.86	146	157201	26.895	ng		97
13) 1,4-Dichlorobenzene	8.00	146	157661	27.070	ng		99
14) 1,2-Dichlorobenzene	8.33	146	147687	26.506	ng		95
15) Benzyl Alcohol	8.21	79	160706	27.953	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	136130	25.384	ng		97
17) 2-Methylphenol	8.42	107	134209	25.350	ng		92
18) Hexachloroethane	9.06	117	59265	27.068	ng		98
19) n-Nitroso-di-n-propylamine	8.77	70	134913	27.820	ng	#	99
20) 3+4-Methylphenols	8.75	107	185366	25.014	ng		94
22) Acetophenone	8.79	105	243172	27.953	ng	#	97
24) Nitrobenzene	9.17	77	198116	27.415	ng	#	97
25) Isophorone	9.70	82	391275	27.101	ng		99
26) 2-Nitrophenol	9.89	139	89903	28.881	ng		96
27) 2,4-Dimethylphenol	9.95	122	147968	29.958	ng		95
28) bis(2-Chloroethoxy)methane	10.18	93	207330	27.332	ng		98
29) 2,4-Dichlorophenol	10.43	162	166406	29.178	ng		96
30) 1,2,4-Trichlorobenzene	10.64	180	175028	27.106	ng		97
31) Naphthalene	10.83	128	483671	27.485	ng		97
32) Benzoic acid	10.10	122	77749	23.272	ng		95
33) 4-Chloroaniline	10.94	127	32926	4.012	ng		96
34) Hexachlorobutadiene	11.12	225	117628	26.569	ng		97
35) Caprolactam	11.69	113	47960m	21.129	ng		
36) 4-Chloro-3-methylphenol	12.07	107	205654	30.696	ng		95
37) 2-Methylnaphthalene	12.44	142	378883	27.738	ng		97
38) 1-Methylnaphthalene	12.66	142	362881	28.142	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	209775	27.301	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
Data File : BG045385.D
Acq On : 14 May 2020 19:50
Operator : CG/JU
Sample : L2500-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-051220MSD

Quant Time: May 15 01:18:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 13:01:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	230700	48.037 ng		98
43) 2,4,6-Trichlorophenol	13.05	196	159290	29.373 ng		93
44) 2,4,5-Trichlorophenol	13.13	196	175222	28.386 ng		97
46) 1,1'-Biphenyl	13.45	154	496050	27.347 ng		99
47) 2-Chloronaphthalene	13.49	162	385306	27.800 ng		98
48) 2-Nitroaniline	13.69	65	134726	29.544 ng		99
49) Acenaphthylene	14.34	152	656071	29.060 ng		100
50) Dimethylphthalate	14.07	163	641946	33.036 ng		98
51) 2,6-Dinitrotoluene	14.18	165	128212	29.499 ng		95
52) Acenaphthene	14.68	154	508623m	33.298 ng		
53) 3-Nitroaniline	14.51	138	48519	10.178 ng	#	91
54) 2,4-Dinitrophenol	14.72	184	162811	62.995 ng		91
55) Dibenzofuran	15.01	168	654277	29.380 ng		97
56) 4-Nitrophenol	14.84	139	172256	46.605 ng		97
57) 2,4-Dinitrotoluene	14.98	165	187488	29.517 ng		98
58) Fluorene	15.66	166	541771	29.784 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	167238	30.449 ng		99
60) Diethylphthalate	15.44	149	596133	29.424 ng		100
61) 4-Chlorophenyl-phenylether	15.66	204	299557	28.611 ng		96
62) 4-Nitroaniline	15.68	138	124036	25.087 ng		94
63) Azobenzene	15.95	77	561657	30.069 ng		97
65) 4,6-Dinitro-2-methylphenol	15.75	198	121553	32.418 ng		96
66) n-Nitrosodiphenylamine	15.87	169	491594	29.994 ng		99
67) 4-Bromophenyl-phenylether	16.55	248	208361	28.313 ng		95
68) Hexachlorobenzene	16.68	284	227245	29.774 ng		98
69) Atrazine	16.82	200	190137	30.239 ng		97
70) Pentachlorophenol	17.02	266	257339	54.961 ng		97
71) Phenanthrene	17.41	178	888117	30.297 ng		99
72) Anthracene	17.50	178	917909	31.216 ng		99
73) Carbazole	17.76	167	839155	28.122 ng		98
74) Di-n-butylphthalate	18.33	149	1025318	29.471 ng		99
75) Fluoranthene	19.42	202	1113649	30.307 ng		98
77) Benzidine	19.59	184	279052	14.613 ng		96
78) Pyrene	19.78	202	1105494	31.016 ng		99
80) Butylbenzylphthalate	20.66	149	446399	30.214 ng		98
81) Benzo(a)anthracene	21.61	228	1018834	30.404 ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	152746	11.452 ng	#	96
83) Chrysene	21.67	228	970266	30.136 ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	601585	29.606 ng		97
85) Di-n-octyl phthalate	22.71	149	1026696	29.219 ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1265549	29.606 ng	#	97
88) Benzo(b)fluoranthene	23.79	252	1091167	30.844 ng		99
89) Benzo(k)fluoranthene	23.86	252	1030427	30.628 ng		98
90) Benzo(a)pyrene	24.65	252	978769	29.303 ng	#	96
91) Dibenzo(a,h)anthracene	28.45	278	1026910	30.511 ng		97
92) Benzo(g,h,i)perylene	29.50	276	1048559	31.075 ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\
Data File : BG045385.D
Acq On : 14 May 2020 19:50
Operator : CG/JU
Sample : L2500-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-051220MSD

Quant Time: May 15 01:18:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 13:01:16 2020
Response via : Initial Calibration