Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045231.D
Acq On : 4 May 2020 12:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/6/2020 6:45:10 PM

Quant Time: May 04 13:05:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 13:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	63926	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	242834	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	182808	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	450262	20.00	ng	0.00
76) Chrysene-d12	21.64	240	408782	20.00	ng	0.00
87) Perylene-d12	24.82	264	488789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	299171	77.26	ng	0.00
7) Phenol-d6	7.15	99	438227	76.17	ng	0.00
23) Nitrobenzene-d5	9.15	82	400098	75.18	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	207784	73.57	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	933914	74.91	ng	0.00
79) Terphenyl-d14	19.99	244	1632002	87.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	76847	44.658	ng	98
3) Pyridine	3.85	79	179099	33.803	ng	95
4) n-Nitrosodimethylamine	3.76	42	67718	41.722	ng	92
6) Aniline	7.31	93	275063	36.773	ng	97
8) 2-Chlorophenol	7.55	128	164756	39.591	ng	96
9) Benzaldehyde	7.12	77	134842	42.273	ng	98
10) Phenol	7.18	94	225473	39.166	ng	97
11) bis(2-Chloroethyl)ether	7.40	93	163285	35.625	ng	100
12) 1,3-Dichlorobenzene	7.88	146	187470	38.230	ng	97
13) 1,4-Dichlorobenzene	8.03	146	190477	38.982	ng	99
14) 1,2-Dichlorobenzene	8.34	146	175206	37.480	ng	95
15) Benzyl Alcohol	8.22	79	167217	34.668	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	155647	34.594	ng	97
17) 2-Methylphenol	8.43	107	149092	33.566	ng	95
18) Hexachloroethane	9.08	117	72846	39.657	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	139264	34.230	ng	94
20) 3+4-Methylphenols	8.76	107	205385	33.036	ng	98
22) Acetophenone	8.81	105	272329	41.470	ng	96
24) Nitrobenzene	9.19	77	218150	39.989	ng	98
25) Isophorone	9.71	82	398790	36.591	ng	99
26) 2-Nitrophenol	9.91	139	93148	39.641	ng	95
27) 2,4-Dimethylphenol	9.97	122	154427	41.418	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	222758	38.901	ng	98
29) 2,4-Dichlorophenol	10.45	162	167411	38.886	ng	91
30) 1,2,4-Trichlorobenzene	10.67	180	196686	40.351	ng	98
31) Naphthalene	10.85	128	533133	40.133	ng	99
32) Benzoic acid	10.11	122	100380	35.275	ng	93
33) 4-Chloroaniline	10.95	127	225220	36.353	ng	98
34) Hexachlorobutadiene	11.15	225	132181	39.552	ng	99
35) Caprolactam	11.72	113	62520	36.488	ng	94
36) 4-Chloro-3-methylphenol	12.08	107	206796	40.889	ng	98
37) 2-Methylnaphthalene	12.46	142	408711	39.638	ng	97
38) 1-Methylnaphthalene	12.67	142	378512	38.886	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	233323	39.641	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045231.D
Acq On : 4 May 2020 12:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/6/2020 6:45:10 PM

Quant Time: May 04 13:05:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 13:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	137357	37.337	ng		91
43) 2,4,6-Trichlorophenol	13.07	196	156684	37.718	ng		97
44) 2,4,5-Trichlorophenol	13.14	196	168203	35.573	ng		99
46) 1,1'-Biphenyl	13.46	154	536653	38.623	ng		97
47) 2-Chloronaphthalene	13.51	162	395382	37.241	ng		95
48) 2-Nitroaniline	13.70	65	135398	38.761	ng		98
49) Acenaphthylene	14.35	152	662515	38.310	ng		99
50) Dimethylphthalate	14.08	163	554165	37.230	ng		100
51) 2,6-Dinitrotoluene	14.20	165	124999	37.544	ng		98
52) Acenaphthene	14.70	154	439013m	37.520	ng		
53) 3-Nitroaniline	14.53	138	127467	34.908	ng		98
54) 2,4-Dinitrophenol	14.74	184	65131	32.899	ng		94
55) Dibenzofuran	15.03	168	653389	38.302	ng		97
56) 4-Nitrophenol	14.84	139	104867	37.039	ng		93
57) 2,4-Dinitrotoluene	14.99	165	183470	37.708	ng	#	98
58) Fluorene	15.68	166	545236	39.130	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	163711	38.911	ng		97
60) Diethylphthalate	15.45	149	572434	36.886	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	295323	36.823	ng		98
62) 4-Nitroaniline	15.69	138	142023	37.499	ng		94
63) Azobenzene	15.97	77	562673	39.325	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	113632	38.394	ng		95
66) n-Nitrosodiphenylamine	15.89	169	485211	37.506	ng		100
67) 4-Bromophenyl-phenylether	16.57	248	207470	35.717	ng		93
68) Hexachlorobenzene	16.69	284	223014	37.019	ng		98
69) Atrazine	16.84	200	206430	43.600	ng		96
70) Pentachlorophenol	17.03	266	131391	35.552	ng		99
71) Phenanthrene	17.42	178	913500	39.481	ng		100
72) Anthracene	17.51	178	930991	40.112	ng		99
73) Carbazole	17.78	167	877078	37.238	ng		98
74) Di-n-butylphthalate	18.34	149	1044939	40.094	ng		99
75) Fluoranthene	19.44	202	1159191	42.246	ng		99
77) Benzidine	19.61	184	459889	37.903	ng		97
78) Pyrene	19.79	202	1163844	41.298	ng		98
80) Butylbenzylphthalate	20.68	149	475717	40.724	ng		97
81) Benzo(a)anthracene	21.63	228	1098993	41.480	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	443726	42.077	ng	#	96
83) Chrysene	21.69	228	1066397	41.891	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	668344	41.599	ng		99
85) Di-n-octyl phthalate	22.74	149	1155873	41.604	ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1427814	42.245	ng	#	96
88) Benzo(b)fluoranthene	23.82	252	1173766	38.336	ng		98
89) Benzo(k)fluoranthene	23.88	252	1155459	39.683	ng		99
90) Benzo(a)pyrene	24.68	252	1185843	41.022	ng		97
91) Dibenzo(a,h)anthracene	28.49	278	1171416	40.215	ng		97
92) Benzo(g,h,i)perylene	29.55	276	1166813	39.955	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045231.D
Acq On : 4 May 2020 12:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 13:05:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 13:03:14 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/6/2020 6:45:10 PM