Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045192.D
Acq On : 28 Apr 2020 19:33
Operator : CG/JU
Sample : L2428-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-7MS

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:45 AM

Quant Time: Apr 29 01:47:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	58217	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	242761	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	182219	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	459985	20.00	ng		0.00
76) Chrysene-d12	21.64	240	432242	20.00	ng		0.00
87) Perylene-d12	24.82	264	475553	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	283556	80.41	ng		0.00
7) Phenol-d6	7.16	99	418969	79.97	ng		0.00
23) Nitrobenzene-d5	9.15	82	268616	50.49	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	232940	82.75	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	667844	53.74	ng		0.00
79) Terphenyl-d14	19.99	244	1281411	64.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	72711	46.398	ng		96
3) Pyridine	3.84	79	190721	39.526	ng		98
4) n-Nitrosodimethylamine	3.76	42	74598	50.468	ng	#	96
6) Aniline	7.31	93	275485	40.442	ng		99
8) 2-Chlorophenol	7.56	128	208154	54.925	ng		99
9) Benzaldehyde	7.12	77	88319	26.722	ng		100
10) Phenol	7.19	94	283690	54.111	ng		99
11) bis(2-Chloroethyl)ether	7.40	93	191966	45.989	ng		95
12) 1,3-Dichlorobenzene	7.88	146	219605	49.175	ng		97
13) 1,4-Dichlorobenzene	8.03	146	222737	50.055	ng		98
14) 1,2-Dichlorobenzene	8.34	146	210227	49.382	ng		95
15) Benzyl Alcohol	8.23	79	201209	45.806	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	177979	43.436	ng		96
17) 2-Methylphenol	8.44	107	190158	47.010	ng		96
18) Hexachloroethane	9.08	117	85929	51.367	ng		99
19) n-Nitroso-di-n-propylamine	8.80	70	172090	46.446	ng		98
20) 3+4-Methylphenols	8.76	107	263813	46.595	ng		96
22) Acetophenone	8.81	105	316024	48.139	ng	#	98
24) Nitrobenzene	9.19	77	257470	47.211	ng		98
25) Isophorone	9.72	82	493100	45.258	ng		99
26) 2-Nitrophenol	9.91	139	120841	51.441	ng		96
27) 2,4-Dimethylphenol	9.97	122	196314	52.669	ng		95
28) bis(2-Chloroethoxy)methane	10.20	93	269799	47.130	ng		99
29) 2,4-Dichlorophenol	10.45	162	223047	51.824	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	237623	48.764	ng		97
31) Naphthalene	10.85	128	644970	48.566	ng		99
32) Benzoic acid	10.13	122	142391	47.383	ng		90
33) 4-Chloroaniline	10.95	127	134337	21.690	ng		96
34) Hexachlorobutadiene	11.15	225	166316	49.781	ng		96
35) Caprolactam	11.72	113	87144m	50.874	ng		
36) 4-Chloro-3-methylphenol	12.09	107	266177	52.646	ng		95
37) 2-Methylnaphthalene	12.46	142	507314	49.216	ng		97
38) 1-Methylnaphthalene	12.68	142	481123	49.442	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	279724	47.678	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045192.D
Acq On : 28 Apr 2020 19:33
Operator : CG/JU
Sample : L2428-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-7MS

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:45 AM

Quant Time: Apr 29 01:47:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	393405	107.284	ng		98
43) 2,4,6-Trichlorophenol	13.07	196	209435	50.580	ng		95
44) 2,4,5-Trichlorophenol	13.14	196	225236	47.788	ng		99
46) 1,1'-Biphenyl	13.47	154	648324	46.811	ng		99
47) 2-Chloronaphthalene	13.51	162	509877	48.180	ng		98
48) 2-Nitroaniline	13.71	65	171151	49.154	ng		93
49) Acenaphthylene	14.35	152	854247	49.557	ng		99
50) Dimethylphthalate	14.09	163	812497	54.761	ng		99
51) 2,6-Dinitrotoluene	14.20	165	167191	50.380	ng		97
52) Acenaphthene	14.70	154	662907m	56.838	ng		
53) 3-Nitroaniline	14.53	138	118348	32.515	ng		97
54) 2,4-Dinitrophenol	14.74	184	230039	116.572	ng		99
55) Dibenzofuran	15.03	168	842025	49.520	ng		96
56) 4-Nitrophenol	14.85	139	280266	99.310	ng		96
57) 2,4-Dinitrotoluene	14.99	165	245103	50.538	ng		96
58) Fluorene	15.68	166	708312	50.998	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	240219	57.281	ng		98
60) Diethylphthalate	15.45	149	767823	49.636	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	396219	49.563	ng		98
62) 4-Nitroaniline	15.70	138	176856	46.847	ng		97
63) Azobenzene	15.97	77	716267	50.222	ng		99
65) 4,6-Dinitro-2-methylphenol	15.76	198	167200	55.300	ng		95
66) n-Nitrosodiphenylamine	15.89	169	647465	48.990	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	280795	47.318	ng		97
68) Hexachlorobenzene	16.69	284	308376	50.106	ng		97
69) Atrazine	16.84	200	277227	58.997	ng		98
70) Pentachlorophenol	17.04	266	387794	102.713	ng		100
71) Phenanthrene	17.43	178	1182077	50.009	ng		100
72) Anthracene	17.51	178	1215571	51.267	ng		100
73) Carbazole	17.78	167	1120404	46.564	ng		99
74) Di-n-butylphthalate	18.35	149	1344649	52.325	ng		99
75) Fluoranthene	19.43	202	1477263	54.470	ng		98
77) Benzidine	19.61	184	1038505	88.740	ng		99
78) Pyrene	19.79	202	1440952	48.356	ng		100
80) Butylbenzylphthalate	20.69	149	605403	49.012	ng		97
81) Benzo(a)anthracene	21.63	228	1385109	49.441	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	373296	33.477	ng		97
83) Chrysene	21.70	228	1353674	50.289	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	848157	49.926	ng		98
85) Di-n-octyl phthalate	22.74	149	1444319	49.165	ng		100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1814062	50.760	ng	#	97
88) Benzo(b)fluoranthene	23.82	252	1523435	51.142	ng		100
89) Benzo(k)fluoranthene	23.89	252	1471632	51.948	ng		99
90) Benzo(a)pyrene	24.67	252	1397190	49.678	ng		99
91) Dibenzo(a,h)anthracene	28.49	278	1465267	51.703	ng		97
92) Benzo(g,h,i)perylene	29.56	276	1469216	51.710	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045192.D
Acq On : 28 Apr 2020 19:33
Operator : CG/JU
Sample : L2428-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 29 01:47:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
S-7MS

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:45 AM