Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045048.D
Acq On : 18 Apr 2020 2:27
Operator : CG/JU
Sample : PB128315BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128315BS

Manual Integrations APPROVED
mohammad
4/20/2020 2:28:16 PM

Quant Time: Apr 18 04:29:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56755	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	247671	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	202480	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	478135	20.00	ng	0.00
76) Chrysene-d12	21.67	240	436946	20.00	ng	0.00
87) Perylene-d12	24.85	264	479812	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	513827	149.47	ng	0.00
7) Phenol-d6	7.19	99	749974	146.83	ng	0.00
23) Nitrobenzene-d5	9.18	82	473948	87.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	422340	135.02	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1187497	86.00	ng	0.00
79) Terphenyl-d14	20.01	244	1972586	98.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	53202	34.823	ng	97
3) Pyridine	3.88	79	157214	33.421	ng	95
4) n-Nitrosodimethylamine	3.79	42	64150	44.517	ng	96
6) Aniline	7.34	93	248225	37.378	ng	98
8) 2-Chlorophenol	7.59	128	202279	54.750	ng	98
9) Benzaldehyde	7.15	77	95470	30.816	ng	97
10) Phenol	7.21	94	274596	53.726	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	183149	45.007	ng	95
12) 1,3-Dichlorobenzene	7.92	146	197675	45.405	ng	98
13) 1,4-Dichlorobenzene	8.06	146	203248	46.852	ng	98
14) 1,2-Dichlorobenzene	8.38	146	193712	46.675	ng	97
15) Benzyl Alcohol	8.26	79	212434	49.607	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	170574	42.702	ng	93
17) 2-Methylphenol	8.46	107	193116	48.971	ng	97
18) Hexachloroethane	9.11	117	77992	47.823	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	177246	49.070	ng	100
20) 3+4-Methylphenols	8.79	107	276201	50.039	ng	98
22) Acetophenone	8.84	105	314912	47.018	ng	99
24) Nitrobenzene	9.23	77	256070	46.024	ng	97
25) Isophorone	9.75	82	505510	45.477	ng	98
26) 2-Nitrophenol	9.94	139	122589	51.151	ng	97
27) 2,4-Dimethylphenol	10.00	122	204364	53.741	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	277932	47.588	ng	99
29) 2,4-Dichlorophenol	10.48	162	230684	52.536	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	233337	46.935	ng	94
31) Naphthalene	10.88	128	637019	47.017	ng	99
32) Benzoic acid	10.15	122	148100	48.182	ng	89
33) 4-Chloroaniline	10.98	127	100831	15.958	ng	97
34) Hexachlorobutadiene	11.18	225	160421	47.064	ng	94
35) Caprolactam	11.75	113	90043m	51.524	ng	
36) 4-Chloro-3-methylphenol	12.11	107	274970	53.307	ng	96
37) 2-Methylnaphthalene	12.49	142	511823	48.669	ng	99
38) 1-Methylnaphthalene	12.70	142	492498m	49.607	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	283044	43.416	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045048.D
Acq On : 18 Apr 2020 2:27
Operator : CG/JU
Sample : PB128315BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128315BS

Manual Integrations APPROVED
mohammad
4/20/2020 2:28:16 PM

Quant Time: Apr 18 04:29:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	417692	102.509	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	219336	47.670	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	238044	45.452	ng		96
46) 1,1'-Biphenyl	13.49	154	674853	43.850	ng		99
47) 2-Chloronaphthalene	13.53	162	526331	44.758	ng		99
48) 2-Nitroaniline	13.73	65	173741	44.905	ng		98
49) Acenaphthylene	14.38	152	880392	45.963	ng		99
50) Dimethylphthalate	14.11	163	760939	46.154	ng		99
51) 2,6-Dinitrotoluene	14.23	165	171933	46.624	ng		97
52) Acenaphthene	14.72	154	684080m	52.785	ng		
53) 3-Nitroaniline	14.55	138	96193	23.784	ng		96
54) 2,4-Dinitrophenol	14.76	184	225768	102.960	ng		95
55) Dibenzofuran	15.06	168	865974	45.832	ng		98
56) 4-Nitrophenol	14.87	139	285853	91.154	ng		98
57) 2,4-Dinitrotoluene	15.01	165	248516	46.115	ng		97
58) Fluorene	15.71	166	722280	46.800	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	239244	51.340	ng		98
60) Diethylphthalate	15.48	149	779543	45.351	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	405722	45.673	ng		96
62) 4-Nitroaniline	15.72	138	173957	41.469	ng		93
63) Azobenzene	15.99	77	735185	46.390	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	165206	52.566	ng		96
66) n-Nitrosodiphenylamine	15.91	169	656302	47.774	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	283118	45.899	ng		96
68) Hexachlorobenzene	16.72	284	306320	47.883	ng		98
69) Atrazine	16.86	200	269427	54.813	ng		100
70) Pentachlorophenol	17.06	266	382018	97.342	ng		97
71) Phenanthrene	17.44	178	1168000	47.537	ng		100
72) Anthracene	17.54	178	1184363	48.054	ng		99
73) Carbazole	17.80	167	1091823	43.653	ng		99
74) Di-n-butylphthalate	18.37	149	1298890	48.130	ng		99
75) Fluoranthene	19.45	202	1424567	50.016	ng		99
77) Benzidine	19.62	184	721284	58.822	ng		98
78) Pyrene	19.81	202	1382100	45.882	ng		98
80) Butylbenzylphthalate	20.70	149	565618	45.299	ng		98
81) Benzo(a)anthracene	21.64	228	1331439	47.014	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	369768	32.804	ng	#	97
83) Chrysene	21.72	228	1272942	46.781	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	790296	46.019	ng		99
85) Di-n-octyl phthalate	22.77	149	1348497	45.409	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1724371	47.731	ng	#	97
88) Benzo(b)fluoranthene	23.85	252	1485884	49.438	ng		98
89) Benzo(k)fluoranthene	23.91	252	1357128	47.481	ng		98
90) Benzo(a)pyrene	24.71	252	1336802	47.109	ng		98
91) Dibenzo(a,h)anthracene	28.54	278	1400524	48.980	ng		97
92) Benzo(g,h,i)perylene	29.61	276	1409428	49.166	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045048.D
Acq On : 18 Apr 2020 2:27
Operator : CG/JU
Sample : PB128315BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 18 04:29:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB128315BS

Manual Integrations APPROVED
mohammad
4/20/2020 2:28:16 PM