Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033345.D
Acq On : 27 Mar 2018 00:55
Operator : SJ/JU
Sample : J1748-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-032218-AMS

Manual Integrations APPROVED
Sohil
3/27/2018 2:57:56 PM

Quant Time: Mar 27 08:28:10 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	40830	20.00	ng		-0.03
21) Naphthalene-d8	11.75	136	172085	20.00	ng		-0.03
38) Acenaphthene-d10	15.48	164	129539	20.00	ng		-0.03
63) Phenanthrene-d10	18.21	188	334554	20.00	ng		-0.02
75) Chrysene-d12	22.56	240	353968	20.00	ng		-0.04
86) Perylene-d12	26.32	264	386560	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	372593	171.11	ng		-0.02
7) Phenol-d6	7.97	99	531239	141.99	ng		-0.02
23) Nitrobenzene-d5	10.07	82	397469	106.12	ng		-0.03
41) 2,4,6-Tribromophenol	16.96	330	298998	154.33	ng		-0.03
44) 2-Fluorobiphenyl	14.11	172	977074	108.89	ng		-0.02
78) Terphenyl-d14	20.73	244	1658251	100.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	45892	41.501	ng	#	84
3) Pyridine	4.40	79	105762	34.599	ng		89
4) n-Nitrosodimethylamine	4.30	42	63781	50.843	ng	#	94
6) Aniline	8.17	93	33099	7.523	ng		97
8) 2-Chlorophenol	8.41	128	132188	53.102	ng		97
9) Benzaldehyde	7.97	77	29285	12.317	ng		98
10) Phenol	8.00	94	161580	43.743	ng		90
11) bis(2-Chloroethyl)ether	8.25	93	130938	43.428	ng		98
12) 1,3-Dichlorobenzene	8.75	146	149109	45.816	ng		98
13) 1,4-Dichlorobenzene	8.90	146	156411	47.989	ng		95
14) 1,2-Dichlorobenzene	9.23	146	145660	45.789	ng		97
15) Benzyl Alcohol	9.10	79	147354	50.024	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	212231	43.179	ng		88
17) 2-Methylphenol	9.30	107	120925	48.056	ng	#	84
18) Hexachloroethane	9.98	117	58651	46.624	ng		92
19) n-Nitroso-di-n-propylamine	9.68	70	126250	46.051	ng		97
20) 3+4-Methylphenols	9.64	107	172610	48.177	ng		94
22) Acetophenone	9.71	105	218383	46.321	ng	#	97
24) Nitrobenzene	10.11	77	188872	47.111	ng		96
25) Isophorone	10.63	82	371019	51.038	ng		100
26) 2-Nitrophenol	10.84	139	77494	51.056	ng	#	85
27) 2,4-Dimethylphenol	10.86	122	134575	61.033	ng		88
28) bis(2-Chloroethoxy)methane	11.11	93	186560	51.435	ng		97
29) 2,4-Dichlorophenol	11.38	162	149516	55.139	ng		99
30) 1,2,4-Trichlorobenzene	11.60	180	164525	46.699	ng		97
31) Naphthalene	11.80	128	443276	49.709	ng		98
32) Benzoic acid	10.96	122	42734m	20.849	ng		
33) 4-Chloroaniline	11.90	127	18017	4.510	ng	#	93
34) Hexachlorobutadiene	12.06	225	126254	47.388	ng		97
35) Caprolactam	12.64	113	40797	38.404	ng		92
36) 4-Chloro-3-methylphenol	12.96	107	177027	50.054	ng		92
37) 2-Methylnaphthalene	13.35	142	333305	48.155	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	219937	46.872	ng		98
40) Hexachlorocyclopentadiene	13.68	237	252577	91.822	ng		95

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033345.D
Acq On : 27 Mar 2018 00:55
Operator : SJ/JU
Sample : J1748-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-032218-AMS

Manual Integrations APPROVED
Sohil
3/27/2018 2:57:56 PM

Quant Time: Mar 27 08:28:10 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	140722	51.618	ng		96
43) 2,4,5-Trichlorophenol	14.01	196	162302	50.367	ng		95
45) 1,1'-Biphenyl	14.32	154	456329	45.852	ng		99
46) 2-Chloronaphthalene	14.38	162	365939	47.688	ng		98
47) 2-Nitroaniline	14.57	65	134356	46.746	ng		96
48) Acenaphthylene	15.22	152	573292	44.758	ng		98
49) Dimethylphthalate	14.91	163	513532	45.552	ng		100
50) 2,6-Dinitrotoluene	15.04	165	113333	49.166	ng		98
51) Acenaphthene	15.55	154	374445	45.349	ng		93
52) 3-Nitroaniline	15.39	138	26364	10.909	ng	#	84
53) 2,4-Dinitrophenol	15.58	184	38135	36.537	ng		93
54) Dibenzofuran	15.88	168	579446	47.509	ng		91
55) 4-Nitrophenol	15.66	139	139096	81.853	ng		88
56) 2,4-Dinitrotoluene	15.82	165	158507	46.702	ng		90
57) Fluorene	16.52	166	483775	46.559	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	155828	51.367	ng		95
59) Diethylphthalate	16.25	149	499972	45.673	ng		95
60) 4-Chlorophenyl-phenylether	16.49	204	277967	46.537	ng		98
61) 4-Nitroaniline	16.53	138	86786	35.462	ng		92
62) Azobenzene	16.79	77	474776	44.773	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	54129	27.046	ng		89
65) n-Nitrosodiphenylamine	16.70	169	433756	45.415	ng		97
66) 4-Bromophenyl-phenylether	17.39	248	182642	46.485	ng		96
67) Hexachlorobenzene	17.52	284	188602	45.484	ng		97
68) Atrazine	17.63	200	182165	47.068	ng		94
69) Pentachlorophenol	17.85	266	214753	75.458	ng		97
70) Phenanthrene	18.26	178	797371	45.764	ng		98
71) Anthracene	18.35	178	819032	46.426	ng		99
72) Carbazole	18.61	167	698880	44.705	ng		99
73) Di-n-butylphthalate	19.10	149	848663	46.639	ng	#	98
74) Fluoranthene	20.21	202	1001587	46.453	ng		97
76) Benzidine	20.38	184	25067	2.611	ng		97
77) Pyrene	20.56	202	997850	42.268	ng		98
79) Butylbenzylphthalate	21.42	149	385283	44.226	ng		92
80) Benzo(a)anthracene	22.54	228	1009325	44.781	ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	86975	10.844	ng		97
82) Chrysene	22.62	228	955304	43.785	ng		97
83) Bis(2-ethylhexyl)phthalate	22.36	149	533195	44.399	ng		99
84) Di-n-octyl phthalate	23.75	149	926461	50.386	ng		97
85) Indeno(1,2,3-cd)pyrene	30.71	276	1177888	49.933	ng	#	85
87) Benzo(b)fluoranthene	25.11	252	1008532	45.158	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	1004855	44.487	ng	#	96
89) Benzo(a)pyrene	26.15	252	981686	45.772	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	984073	48.710	ng	#	97
91) Benzo(g,h,i)perylene	32.09	276	937389	46.857	ng	#	96

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033345.D
Acq On : 27 Mar 2018 00:55
Operator : SJ/JU
Sample : J1748-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 27 08:28:10 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
AU-05-032218-AMS

Manual Integrations APPROVED
Sohil
3/27/2018 2:57:56 PM