Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032072.D
Acq On : 16 Jan 2018 16:45
Operator : SJ/JU
Sample : J1114-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Manual Integrations APPROVED
Sohil
1/17/2018 10:43:04 AM

Quant Time: Jan 17 01:17:47 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	49457	20.00	ng		-0.01
21) Naphthalene-d8	11.65	136	194650	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	133937	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	338878	20.00	ng		-0.01
75) Chrysene-d12	22.47	240	402101	20.00	ng		-0.01
86) Perylene-d12	26.18	264	440463	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	422548	156.26	ng		0.00
7) Phenol-d6	7.88	99	530141	155.66	ng		0.00
23) Nitrobenzene-d5	9.97	82	308951	107.38	ng		0.00
41) 2,4,6-Tribromophenol	16.87	330	336891	152.00	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	940503	87.07	ng		0.00
78) Terphenyl-d14	20.66	244	1650554	90.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	42248	40.667	ng	#	78
3) Pyridine	4.30	79	114101	41.147	ng	#	85
4) n-Nitrosodimethylamine	4.21	42	56827	58.331	ng	#	92
6) Aniline	8.06	93	54767	12.749	ng		94
8) 2-Chlorophenol	8.31	128	152896	50.529	ng		85
9) Benzaldehyde	7.86	77	21545	10.918	ng	#	78
10) Phenol	7.91	94	184805	55.086	ng		97
11) bis(2-Chloroethyl)ether	8.15	93	123121	45.808	ng	#	82
12) 1,3-Dichlorobenzene	8.65	146	178993m	45.197	ng		
13) 1,4-Dichlorobenzene	8.80	146	180707	45.318	ng		96
14) 1,2-Dichlorobenzene	9.13	146	174558	45.261	ng		98
15) Benzyl Alcohol	9.00	79	130583	52.780	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.30	45	128862	47.176	ng		78
17) 2-Methylphenol	9.20	107	125143	48.810	ng		97
18) Hexachloroethane	9.89	117	59298	48.387	ng	#	79
19) n-Nitroso-di-n-propylamine	9.58	70	100652	47.633	ng	#	86
20) 3+4-Methylphenols	9.53	107	169644	47.763	ng		95
22) Acetophenone	9.61	105	218132	49.335	ng	#	87
24) Nitrobenzene	10.01	77	145512	50.703	ng	#	88
25) Isophorone	10.53	82	274897	51.312	ng	#	87
26) 2-Nitrophenol	10.74	139	89748	52.778	ng	#	83
27) 2,4-Dimethylphenol	10.77	122	159397	59.069	ng		95
28) bis(2-Chloroethoxy)methane	11.01	93	169719	52.581	ng	#	95
29) 2,4-Dichlorophenol	11.27	162	185860	55.975	ng		90
30) 1,2,4-Trichlorobenzene	11.50	180	207105	48.296	ng		98
31) Naphthalene	11.70	128	457083	47.403	ng		98
32) Benzoic acid	10.91	122	8085	8.582	ng	#	59
33) 4-Chloroaniline	11.79	127	52473	12.690	ng	#	90
34) Hexachlorobutadiene	11.97	225	146195	47.466	ng		97
35) Caprolactam	12.54	113	56103	55.694	ng	#	50
36) 4-Chloro-3-methylphenol	12.87	107	166910	54.918	ng	#	83
37) 2-Methylnaphthalene	13.26	142	368635	48.154	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	277154	47.472	ng	#	96
40) Hexachlorocyclopentadiene	13.59	237	341682	103.907	ng		92

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032072.D
Acq On : 16 Jan 2018 16:45
Operator : SJ/JU
Sample : J1114-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Manual Integrations APPROVED
Sohil
1/17/2018 10:43:04 AM

Quant Time: Jan 17 01:17:47 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	177459	54.096	ng		97
43) 2,4,5-Trichlorophenol	13.92	196	190239	50.101	ng	#	91
45) 1,1'-Biphenyl	14.24	154	532233	46.353	ng		96
46) 2-Chloronaphthalene	14.29	162	402505	45.062	ng		97
47) 2-Nitroaniline	14.48	65	93245	54.530	ng	#	72
48) Acenaphthylene	15.13	152	604727	44.458	ng		99
49) Dimethylphthalate	14.83	163	613896	52.377	ng	#	99
50) 2,6-Dinitrotoluene	14.96	165	122381	50.305	ng	#	74
51) Acenaphthene	15.47	154	456503	50.755	ng		95
52) 3-Nitroaniline	15.29	138	41558	18.914	ng	#	70
53) 2,4-Dinitrophenol	15.49	184	127034	101.997	ng	#	73
54) Dibenzofuran	15.79	168	636138	47.412	ng		99
55) 4-Nitrophenol	15.57	139	181167	113.138	ng	#	81
56) 2,4-Dinitrotoluene	15.73	165	176362	53.846	ng	#	68
57) Fluorene	16.44	166	515528	46.849	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	203620	57.968	ng	#	85
59) Diethylphthalate	16.17	149	533897	46.987	ng		97
60) 4-Chlorophenyl-phenylether	16.41	204	324284	48.040	ng		94
61) 4-Nitroaniline	16.44	138	94012	44.603	ng		88
62) Azobenzene	16.71	77	344006	48.371	ng		88
64) 4,6-Dinitro-2-methylphenol	16.49	198	108492	49.813	ng	#	70
65) n-Nitrosodiphenylamine	16.62	169	483219	46.992	ng		100
66) 4-Bromophenyl-phenylether	17.31	248	235820	48.909	ng		96
67) Hexachlorobenzene	17.44	284	238167	44.648	ng	#	91
68) Atrazine	17.55	200	225744	52.202	ng		96
69) Pentachlorophenol	17.77	266	329278	96.572	ng		98
70) Phenanthrene	18.18	178	881269	46.708	ng		99
71) Anthracene	18.26	178	896353	47.632	ng		99
72) Carbazole	18.52	167	778582	47.694	ng		99
73) Di-n-butylphthalate	19.03	149	889709	46.124	ng		100
74) Fluoranthene	20.13	202	1139512	48.237	ng		95
76) Benzidine	20.29	184	247554	24.620	ng		98
77) Pyrene	20.49	202	1140324	45.112	ng		97
79) Butylbenzylphthalate	21.35	149	404875	44.705	ng	#	74
80) Benzo(a)anthracene	22.45	228	1180174	47.194	ng		98
81) 3,3'-Dichlorobenzidine	22.34	252	161259	17.263	ng	#	95
82) Chrysene	22.52	228	1119539	46.617	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	582503	43.861	ng	#	97
84) Di-n-octyl phthalate	23.68	149	1003666	47.583	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.49	276	1430431	48.670	ng	#	87
87) Benzo(b)fluoranthene	24.99	252	1247105	46.842	ng	#	96
88) Benzo(k)fluoranthene	25.07	252	1251468m	48.105	ng		
89) Benzo(a)pyrene	26.01	252	1218967	48.401	ng	#	97
90) Dibenzo(a,h)anthracene	30.57	278	1167333	48.099	ng	#	93
91) Benzo(g,h,i)perylene	31.85	276	1213529	48.922	ng	#	93

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032072.D
Acq On : 16 Jan 2018 16:45
Operator : SJ/JU
Sample : J1114-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 17 01:17:47 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MS

Manual Integrations APPROVED
Sohil
1/17/2018 10:43:04 AM