Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032119.D
Acq On : 18 Jan 2018 2:43
Operator : SJ/JU
Sample : J1021-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Manual Integrations APPROVED
Sohil
1/18/2018 4:00:21 PM

Quant Time: Jan 18 06:56:19 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	8.74	152	55818	20.00	ng		-0.03
21) Naphthalene-d8	11.63	136	218576	20.00	ng		-0.03
38) Acenaphthene-d10	15.38	164	155648	20.00	ng		-0.02
63) Phenanthrene-d10	18.11	188	405979	20.00	ng		-0.03
75) Chrysene-d12	22.46	240	473314	20.00	ng		-0.03
86) Perylene-d12	26.16	264	512797	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	392681	128.67	ng		-0.02
7) Phenol-d6	7.86	99	451919	117.57	ng		-0.02
23) Nitrobenzene-d5	9.94	82	327700	101.43	ng		-0.03
41) 2,4,6-Tribromophenol	16.86	330	404455	157.03	ng		-0.02
44) 2-Fluorobiphenyl	14.01	172	1142387	91.01	ng		-0.03
78) Terphenyl-d14	20.65	244	2079116	96.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	36594	31.210	ng	#	74
3) Pyridine	4.29	79	76638	24.487	ng	#	83
4) n-Nitrosodimethylamine	4.19	42	56654	51.526	ng	#	87
6) Aniline	8.04	93	60621	12.504	ng		94
8) 2-Chlorophenol	8.29	128	154598	45.269	ng		84
9) Benzaldehyde	7.84	77	15927	7.152	ng	#	81
10) Phenol	7.88	94	145392	38.399	ng		97
11) bis(2-Chloroethyl)ether	8.13	93	130730	43.096	ng	#	81
12) 1,3-Dichlorobenzene	8.63	146	180128	40.300	ng		95
13) 1,4-Dichlorobenzene	8.78	146	185774	41.280	ng		94
14) 1,2-Dichlorobenzene	9.11	146	177300	40.733	ng		97
15) Benzyl Alcohol	8.98	79	136335	48.825	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.27	45	135190	43.853	ng		79
17) 2-Methylphenol	9.18	107	123143	42.556	ng		99
18) Hexachloroethane	9.86	117	61782	44.669	ng	#	84
19) n-Nitroso-di-n-propylamine	9.56	70	105094	44.067	ng	#	87
20) 3+4-Methylphenols	9.51	107	165981	41.406	ng		97
22) Acetophenone	9.59	105	233942	47.119	ng	#	90
24) Nitrobenzene	9.99	77	157540	48.885	ng	#	88
25) Isophorone	10.51	82	294563	48.965	ng	#	85
26) 2-Nitrophenol	10.71	139	94926	49.712	ng	#	84
27) 2,4-Dimethylphenol	10.75	122	164363	54.242	ng		93
28) bis(2-Chloroethoxy)methane	10.99	93	179688	49.576	ng	#	97
29) 2,4-Dichlorophenol	11.25	162	194479	52.159	ng		93
30) 1,2,4-Trichlorobenzene	11.48	180	216311	44.921	ng		99
31) Naphthalene	11.68	128	490366	45.288	ng		99
32) Benzoic acid	10.88	122	94005	39.694	ng	#	82
33) 4-Chloroaniline	11.77	127	19836	4.272	ng	#	93
34) Hexachlorobutadiene	11.94	225	158329	45.778	ng		98
35) Caprolactam	12.52	113	43498m	38.454	ng		
36) 4-Chloro-3-methylphenol	12.85	107	182251	53.401	ng	#	86
37) 2-Methylnaphthalene	13.24	142	411054	47.817	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	309427	45.607	ng	#	97
40) Hexachlorocyclopentadiene	13.57	237	402983	105.455	ng		91

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032119.D
Acq On : 18 Jan 2018 2:43
Operator : SJ/JU
Sample : J1021-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Manual Integrations APPROVED
Sohil
1/18/2018 4:00:21 PM

Quant Time: Jan 18 06:56:19 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	13.82	196	196147	51.453	ng		98
43) 2,4,5-Trichlorophenol	13.90	196	210228	47.643	ng	#	90
45) 1,1'-Biphenyl	14.22	154	596146	44.678	ng		95
46) 2-Chloronaphthalene	14.27	162	454641	43.799	ng		96
47) 2-Nitroaniline	14.46	65	104981	52.829	ng	#	73
48) Acenaphthylene	15.11	152	684918	43.330	ng		97
49) Dimethylphthalate	14.81	163	646786	47.486	ng		99
50) 2,6-Dinitrotoluene	14.94	165	145247	51.376	ng	#	70
51) Acenaphthene	15.45	154	545193	52.160	ng		97
52) 3-Nitroaniline	15.26	138	27568	10.796	ng	#	75
53) 2,4-Dinitrophenol	15.47	184	190140	129.365	ng	#	60
54) Dibenzofuran	15.78	168	741451	47.553	ng		99
55) 4-Nitrophenol	15.56	139	196565	105.631	ng	#	79
56) 2,4-Dinitrotoluene	15.72	165	210622	55.336	ng	#	65
57) Fluorene	16.42	166	600877	46.988	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.99	232	231387	56.685	ng	#	85
59) Diethylphthalate	16.16	149	649110	49.159	ng		95
60) 4-Chlorophenyl-phenylether	16.40	204	387533	49.402	ng		91
61) 4-Nitroaniline	16.43	138	82034	33.491	ng	#	85
62) Azobenzene	16.69	77	409806	49.585	ng		86
64) 4,6-Dinitro-2-methylphenol	16.47	198	126132	48.485	ng	#	69
65) n-Nitrosodiphenylamine	16.61	169	575333	46.702	ng		99
66) 4-Bromophenyl-phenylether	17.29	248	287623	49.793	ng		95
67) Hexachlorobenzene	17.41	284	281236	44.007	ng	#	91
68) Atrazine	17.53	200	244697	47.232	ng		97
69) Pentachlorophenol	17.76	266	385118	94.281	ng		97
70) Phenanthrene	18.16	178	1047511	46.343	ng		98
71) Anthracene	18.25	178	1075739	47.717	ng		99
72) Carbazole	18.51	167	922605	47.176	ng		99
73) Di-n-butylphthalate	19.01	149	1070991	46.345	ng		99
74) Fluoranthene	20.12	202	1336224	47.215	ng		94
76) Benzidine	20.28	184	52933	4.472	ng	#	94
77) Pyrene	20.48	202	1343809	45.164	ng		97
79) Butylbenzylphthalate	21.34	149	479950	45.021	ng	#	77
80) Benzo(a)anthracene	22.43	228	1389003	47.188	ng		98
81) 3,3'-Dichlorobenzidine	22.32	252	214700	19.525	ng	#	98
82) Chrysene	22.51	228	1307483	46.251	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	680273	43.516	ng	#	97
84) Di-n-octyl phthalate	23.65	149	1179893	47.522	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.45	276	1789636	51.730	ng	#	87
87) Benzo(b)fluoranthene	24.97	252	1485602	47.929	ng	#	96
88) Benzo(k)fluoranthene	25.05	252	1469632	48.522	ng	#	96
89) Benzo(a)pyrene	25.98	252	1461030	49.829	ng	#	94
90) Dibenzo(a,h)anthracene	30.53	278	1473430	52.148	ng	#	93
91) Benzo(g,h,i)perylene	31.82	276	1469947	50.900	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032119.D
Acq On : 18 Jan 2018 2:43
Operator : SJ/JU
Sample : J1021-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 18 06:56:19 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 :
SA-01-011618MS

Manual Integrations APPROVED
Sohil
1/18/2018 4:00:21 PM