Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031349.D
Acq On : 4 Dec 2017 16:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/5/2017 3:26:41 PM

Quant Time: Dec 05 09:33:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	60111	20.00	ng		-0.03
21) Naphthalene-d8	10.94	136	264036	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	175548	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	442404	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	484408	20.00	ng		-0.02
86) Perylene-d12	25.06	264	480407	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	273714	78.08	ng		-0.02
7) Phenol-d6	7.29	99	371221	78.60	ng		-0.01
23) Nitrobenzene-d5	9.30	82	339449	76.18	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	185194	65.21	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	967599	79.20	ng		-0.02
78) Terphenyl-d14	20.08	244	1671920	76.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	55761	39.20	ng	#	81
3) Pyridine	3.95	79	162112	39.25	ng		88
4) n-Nitrosodimethylamine	3.86	42	68955	35.23	ng	#	92
6) Aniline	7.45	93	234977	37.81	ng		93
8) 2-Chlorophenol	7.69	128	151822	39.25	ng		88
9) Benzaldehyde	7.27	77	107348	32.48	ng		94
10) Phenol	7.32	94	190958	38.94	ng		90
11) bis(2-Chloroethyl)ether	7.54	93	150115	38.33	ng		88
12) 1,3-Dichlorobenzene	8.02	146	175375	38.64	ng		96
13) 1,4-Dichlorobenzene	8.16	146	179394	39.00	ng		95
14) 1,2-Dichlorobenzene	8.48	146	175089	39.66	ng		98
15) Benzyl Alcohol	8.37	79	130904	34.56	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	148559m	34.35	ng		
17) 2-Methylphenol	8.58	107	131976	38.64	ng		97
18) Hexachloroethane	9.21	117	60243	37.63	ng		91
19) n-Nitroso-di-n-propylamine	8.93	70	125476	34.94	ng	#	93
20) 3+4-Methylphenols	8.91	107	182239	37.53	ng		96
22) Acetophenone	8.95	105	252781	38.45	ng	#	92
24) Nitrobenzene	9.34	77	174946	38.44	ng	#	91
25) Isophorone	9.86	82	309191	35.58	ng	#	91
26) 2-Nitrophenol	10.06	139	92901	39.16	ng	#	86
27) 2,4-Dimethylphenol	10.11	122	135196	38.38	ng		90
28) bis(2-Chloroethoxy)methane	10.34	93	210426	38.45	ng		94
29) 2,4-Dichlorophenol	10.60	162	169496	40.07	ng		94
30) 1,2,4-Trichlorobenzene	10.80	180	204365	40.47	ng		98
31) Naphthalene	11.00	128	504786	38.89	ng		98
32) Benzoic acid	10.27	122	95129m	34.26	ng		
33) 4-Chloroaniline	11.11	127	223660	39.36	ng	#	93
34) Hexachlorobutadiene	11.27	225	134495	38.40	ng		95
35) Caprolactam	11.88	113	58606	33.92	ng	#	74
36) 4-Chloro-3-methylphenol	12.23	107	171157	37.18	ng		88
37) 2-Methylnaphthalene	12.59	142	386994	38.62	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	280629	40.28	ng	#	97
40) Hexachlorocyclopentadiene	12.93	237	72179	34.94	ng		92

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031349.D
Acq On : 4 Dec 2017 16:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/5/2017 3:26:41 PM

Quant Time: Dec 05 09:33:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	154218	38.72	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	165520	37.98	ng		92
45) 1,1'-Biphenyl	13.59	154	580153	39.85	ng		99
46) 2-Chloronaphthalene	13.63	162	425414	40.50	ng		96
47) 2-Nitroaniline	13.84	65	114863	36.90	ng	#	74
48) Acenaphthylene	14.47	152	675769	39.31	ng		98
49) Dimethylphthalate	14.20	163	578999	38.15	ng		100
50) 2,6-Dinitrotoluene	14.33	165	126674	40.49	ng	#	72
51) Acenaphthene	14.82	154	425155	39.60	ng		97
52) 3-Nitroaniline	14.66	138	127431	38.36	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	68302	42.64	ng	#	49
54) Dibenzofuran	15.15	168	673343	39.38	ng		99
55) 4-Nitrophenol	14.99	139	98302	41.54	ng	#	78
56) 2,4-Dinitrotoluene	15.11	165	181419	40.11	ng	#	72
57) Fluorene	15.80	166	547999	39.47	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.38	232	156993	37.80	ng	#	89
59) Diethylphthalate	15.55	149	579389	37.58	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	329019	39.24	ng		91
61) 4-Nitroaniline	15.83	138	135142	38.42	ng		84
62) Azobenzene	16.07	77	439005	37.34	ng		90
64) 4,6-Dinitro-2-methylphenol	15.88	198	109494	37.23	ng	#	76
65) n-Nitrosodiphenylamine	16.00	169	534386	39.86	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	210943	37.65	ng		98
67) Hexachlorobenzene	16.80	284	218268	36.66	ng		95
68) Atrazine	16.94	200	200324	36.22	ng		96
69) Pentachlorophenol	17.15	266	129319	39.29	ng		98
70) Phenanthrene	17.54	178	919466	39.92	ng		99
71) Anthracene	17.62	178	916018	39.69	ng		98
72) Carbazole	17.89	167	846754	39.15	ng		99
73) Di-n-butylphthalate	18.43	149	994965	37.47	ng		100
74) Fluoranthene	19.54	202	1168543	40.07	ng		98
76) Benzidine	19.71	184	488068	31.37	ng		96
77) Pyrene	19.90	202	1195276	41.58	ng		97
79) Butylbenzylphthalate	20.76	149	457173	39.89	ng	#	82
80) Benzo(a)anthracene	21.74	228	1181572	39.27	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	441934	36.39	ng		99
82) Chrysene	21.81	228	1102330	39.60	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	648217	39.18	ng		99
84) Di-n-octyl phthalate	22.85	149	1084034	40.26	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.84	276	1282062	37.89	ng	#	80
87) Benzo(b)fluoranthene	24.01	252	1169016	40.23	ng		98
88) Benzo(k)fluoranthene	24.08	252	1156023	40.13	ng		97
89) Benzo(a)pyrene	24.90	252	1104569	40.01	ng		100
90) Dibenzo(a,h)anthracene	28.90	278	1084764	38.44	ng		96
91) Benzo(g,h,i)perylene	30.03	276	1032577	37.70	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031349.D
Acq On : 4 Dec 2017 16:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 09:33:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/5/2017 3:26:41 PM