Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032733.D
Acq On : 16 Feb 2018 4:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/16/2018 2:27:19 PM

Quant Time: Feb 16 07:30:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	24949	20.00	ng		-0.04
21) Naphthalene-d8	11.51	136	100117	20.00	ng		-0.04
38) Acenaphthene-d10	15.28	164	78055	20.00	ng		-0.03
63) Phenanthrene-d10	18.01	188	221133	20.00	ng		-0.04
75) Chrysene-d12	22.34	240	238706	20.00	ng		-0.04
86) Perylene-d12	25.96	264	309030	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	96053	77.24	ng		-0.03
7) Phenol-d6	7.77	99	127166	74.79	ng		-0.03
23) Nitrobenzene-d5	9.84	82	121956	77.42	ng		-0.04
41) 2,4,6-Tribromophenol	16.75	330	125677	104.57	ng		-0.04
44) 2-Fluorobiphenyl	13.90	172	483946	77.53	ng		-0.03
78) Terphenyl-d14	20.56	244	975278	93.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.75	88	20035	38.515	ng	#	69
3) Pyridine	4.20	79	43619m	32.691	ng		
4) n-Nitrosodimethylamine	4.12	42	20681	32.986	ng	#	67
6) Aniline	7.94	93	71813	35.734	ng		97
8) 2-Chlorophenol	8.19	128	57742	40.381	ng	#	80
9) Benzaldehyde	7.75	77	34338	34.171	ng		89
10) Phenol	7.79	94	64355	38.916	ng		90
11) bis(2-Chloroethyl)ether	8.04	93	49362	37.233	ng	#	82
12) 1,3-Dichlorobenzene	8.52	146	76791	38.077	ng		96
13) 1,4-Dichlorobenzene	8.68	146	74641	37.462	ng		94
14) 1,2-Dichlorobenzene	9.00	146	73507	36.579	ng		94
15) Benzyl Alcohol	8.88	79	46511	36.495	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.17	45	40479	28.370	ng		70
17) 2-Methylphenol	9.08	107	43856	37.447	ng	#	87
18) Hexachloroethane	9.75	117	27816	38.235	ng	#	78
19) n-Nitroso-di-n-propylamine	9.45	70	37552	32.851	ng	#	90
20) 3+4-Methylphenols	9.42	107	65015	36.730	ng		96
22) Acetophenone	9.48	105	87179	40.943	ng	#	91
24) Nitrobenzene	9.88	77	64739	39.251	ng	#	85
25) Isophorone	10.40	82	111310	37.061	ng	#	80
26) 2-Nitrophenol	10.60	139	36683	41.584	ng	#	79
27) 2,4-Dimethylphenol	10.64	122	47678	41.138	ng		95
28) bis(2-Chloroethoxy)methane	10.88	93	56791	36.989	ng	#	93
29) 2,4-Dichlorophenol	11.14	162	68690	40.494	ng		89
30) 1,2,4-Trichlorobenzene	11.37	180	93682	39.393	ng		99
31) Naphthalene	11.56	128	184946	38.044	ng		98
32) Benzoic acid	10.77	122	29891	33.629	ng	#	71
33) 4-Chloroaniline	11.67	127	80922	41.952	ng		97
34) Hexachlorobutadiene	11.83	225	75672	38.826	ng		97
35) Caprolactam	12.42	113	21384	44.392	ng	#	47
36) 4-Chloro-3-methylphenol	12.75	107	66090	43.315	ng	#	89
37) 2-Methylnaphthalene	13.14	142	155424	39.416	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.49	216	129312	35.076	ng	#	95
40) Hexachlorocyclopentadiene	13.46	237	100280	42.983	ng		91

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032733.D
Acq On : 16 Feb 2018 4:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/16/2018 2:27:19 PM

Quant Time: Feb 16 07:30:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.72	196	78611	42.722	ng		95
43) 2,4,5-Trichlorophenol	13.80	196	87452	38.138	ng	#	90
45) 1,1'-Biphenyl	14.12	154	245222	38.182	ng		95
46) 2-Chloronaphthalene	14.17	162	198672	39.092	ng		97
47) 2-Nitroaniline	14.36	65	39037	35.312	ng	#	81
48) Acenaphthylene	15.00	152	265770	35.545	ng		99
49) Dimethylphthalate	14.71	163	231523	34.315	ng		100
50) 2,6-Dinitrotoluene	14.84	165	50565	36.390	ng	#	79
51) Acenaphthene	15.34	154	209321	40.994	ng		97
52) 3-Nitroaniline	15.18	138	50255	40.955	ng	#	75
53) 2,4-Dinitrophenol	15.38	184	39262	56.333	ng	#	62
54) Dibenzofuran	15.67	168	301311	39.662	ng		98
55) 4-Nitrophenol	15.47	139	33018	39.278	ng	#	72
56) 2,4-Dinitrotoluene	15.62	165	81902	42.778	ng	#	69
57) Fluorene	16.31	166	251318	40.226	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.89	232	90958	42.132	ng	#	83
59) Diethylphthalate	16.06	149	273972	41.732	ng		97
60) 4-Chlorophenyl-phenylether	16.30	204	160060	38.803	ng		92
61) 4-Nitroaniline	16.34	138	55587	43.938	ng	#	73
62) Azobenzene	16.59	77	145246	34.436	ng	#	79
64) 4,6-Dinitro-2-methylphenol	16.38	198	55470	35.901	ng		73
65) n-Nitrosodiphenylamine	16.51	169	236096	36.404	ng		97
66) 4-Bromophenyl-phenylether	17.19	248	113589	35.892	ng		98
67) Hexachlorobenzene	17.32	284	127221	37.428	ng	#	88
68) Atrazine	17.44	200	106011	38.110	ng		97
69) Pentachlorophenol	17.65	266	86556	41.595	ng		94
70) Phenanthrene	18.05	178	467000	39.313	ng		99
71) Anthracene	18.15	178	452092	37.196	ng		99
72) Carbazole	18.41	167	340420	32.849	ng		99
73) Di-n-butylphthalate	18.92	149	405509	34.753	ng		99
74) Fluoranthene	20.03	202	619081	39.038	ng		94
76) Benzidine	20.20	184	200572	35.683	ng		99
77) Pyrene	20.39	202	621391	43.756	ng		99
79) Butylbenzylphthalate	21.24	149	177263	37.892	ng	#	75
80) Benzo(a)anthracene	22.31	228	548847	36.723	ng		97
81) 3,3'-Dichlorobenzidine	22.21	252	219747	39.370	ng	#	98
82) Chrysene	22.39	228	548608	37.226	ng		98
83) Bis(2-ethylhexyl)phthalate	22.16	149	306403	45.419	ng	#	97
84) Di-n-octyl phthalate	23.51	149	508083	48.004	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.15	276	873386	50.028	ng	#	84
87) Benzo(b)fluoranthene	24.80	252	577531	31.359	ng	#	96
88) Benzo(k)fluoranthene	24.87	252	623851	32.731	ng	#	97
89) Benzo(a)pyrene	25.79	252	698143	38.912	ng	#	95
90) Dibenzo(a,h)anthracene	30.23	278	741117	41.492	ng	#	93
91) Benzo(g,h,i)perylene	31.47	276	578157	33.484	ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032733.D
Acq On : 16 Feb 2018 4:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 16 07:30:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/16/2018 2:27:19 PM