Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104272.D
Acq On : 5 Apr 2018 16:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/6/2018 11:57:44 AM

Quant Time: Apr 06 09:06:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	95726	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	426757	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	197075	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	369629	20.00	ng		0.00
75) Chrysene-d12	14.15	240	259572	20.00	ng		0.00
86) Perylene-d12	15.72	264	213074	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	459997m	76.63	ng		-0.01
7) Phenol-d6	6.59	99	569754	77.15	ng		-0.02
23) Nitrobenzene-d5	7.52	82	551524	79.03	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	174922	79.71	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1080051	86.42	ng		0.00
78) Terphenyl-d14	13.06	244	1001861	89.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	92713	35.812	ng	#	80
3) Pyridine	3.63	79	215865m	32.937	ng		
4) n-Nitrosodimethylamine	3.72	42	55506m	28.493	ng		
6) Aniline	6.63	93	307273	34.756	ng	#	82
8) 2-Chlorophenol	6.74	128	268925	40.842	ng		96
9) Benzaldehyde	6.52	77	118458m	28.207	ng		
10) Phenol	6.60	94	367574	44.922	ng		92
11) bis(2-Chloroethyl)ether	6.68	93	343357	48.696	ng	#	78
12) 1,3-Dichlorobenzene	6.89	146	270620	36.562	ng		98
13) 1,4-Dichlorobenzene	6.97	146	347698	43.841	ng		99
14) 1,2-Dichlorobenzene	7.12	146	320227	44.923	ng		99
15) Benzyl Alcohol	7.10	79	152855m	31.834	ng		
16) 2,2'-oxybis(1-Chloropropan	7.21	45	329132	42.846	ng		52
17) 2-Methylphenol	7.20	107	208129	38.836	ng	#	68
18) Hexachloroethane	7.45	117	111185	41.872	ng		99
19) n-Nitroso-di-n-propylamine	7.35	70	181298	41.367	ng		88
20) 3+4-Methylphenols	7.36	107	250350	36.603	ng	#	46
22) Acetophenone	7.36	105	416911	40.377	ng		98
24) Nitrobenzene	7.54	77	284947	38.809	ng		98
25) Isophorone	7.76	82	497811	38.709	ng		99
26) 2-Nitrophenol	7.85	139	152130	39.694	ng		93
27) 2,4-Dimethylphenol	7.88	122	202909	36.710	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	299992	37.219	ng		97
29) 2,4-Dichlorophenol	8.10	162	220192	38.139	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	260337	39.743	ng		98
31) Naphthalene	8.25	128	900706	43.202	ng		100
32) Benzoic acid	8.02	122	139508	34.453	ng	#	81
33) 4-Chloroaniline	8.32	127	341780	38.885	ng		95
34) Hexachlorobutadiene	8.35	225	139538	39.145	ng		98
35) Caprolactam	8.67	113	62644	34.220	ng	#	78
36) 4-Chloro-3-methylphenol	8.79	107	234105	38.336	ng		98
37) 2-Methylnaphthalene	8.94	142	522114	38.019	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	242415	40.113	ng		98
40) Hexachlorocyclopentadiene	9.08	237	63322	26.148	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104272.D
Acq On : 5 Apr 2018 16:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/6/2018 11:57:44 AM

Quant Time: Apr 06 09:06:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	125460	32.785	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	181497	39.281	ng		96
45) 1,1'-Biphenyl	9.40	154	689825	40.783	ng		99
46) 2-Chloronaphthalene	9.43	162	548045	41.076	ng		99
47) 2-Nitroaniline	9.55	65	144567	37.999	ng		96
48) Acenaphthylene	9.85	152	804218	39.787	ng		100
49) Dimethylphthalate	9.70	163	611379	39.292	ng		100
50) 2,6-Dinitrotoluene	9.77	165	133132	39.770	ng		92
51) Acenaphthene	10.02	154	458479	39.209	ng		99
52) 3-Nitroaniline	9.97	138	148525	38.597	ng		99
53) 2,4-Dinitrophenol	10.10	184	41743m	32.146	ng		
54) Dibenzofuran	10.19	168	662446	38.795	ng		97
55) 4-Nitrophenol	10.16	139	45598m	19.762	ng		
56) 2,4-Dinitrotoluene	10.19	165	164340	38.473	ng	#	92
57) Fluorene	10.53	166	558306	39.637	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	140150	40.485	ng	#	79
59) Diethylphthalate	10.39	149	583620	39.153	ng		99
60) 4-Chlorophenyl-phenylether	10.52	204	264227	40.844	ng		95
61) 4-Nitroaniline	10.59	138	133137	36.976	ng		92
62) Azobenzene	10.69	77	523003	38.803	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	75615	33.795	ng		86
65) n-Nitrosodiphenylamine	10.65	169	485656	38.796	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	161206	40.765	ng		90
67) Hexachlorobenzene	11.08	284	177513	39.023	ng		92
68) Atrazine	11.16	200	141763	36.965	ng		100
69) Pentachlorophenol	11.29	266	81354m	32.501	ng		
70) Phenanthrene	11.50	178	731915	36.574	ng		98
71) Anthracene	11.56	178	891543	42.651	ng		99
72) Carbazole	11.72	167	784901	39.342	ng		99
73) Di-n-butylphthalate	12.02	149	903546	38.021	ng		98
74) Fluoranthene	12.70	202	811054	38.128	ng		98
76) Benzidine	12.84	184	300934	40.682	ng		99
77) Pyrene	12.93	202	798462	42.791	ng		99
79) Butylbenzylphthalate	13.53	149	353861	40.253	ng		96
80) Benzo(a)anthracene	14.14	228	584646	35.996	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	211721	39.382	ng		98
82) Chrysene	14.18	228	671925	42.238	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	454646	40.027	ng		99
84) Di-n-octyl phthalate	14.74	149	691073	35.369	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	530638m	32.189	ng		
87) Benzo(b)fluoranthene	15.26	252	444969	34.314	ng		100
88) Benzo(k)fluoranthene	15.29	252	623340m	51.029	ng		
89) Benzo(a)pyrene	15.65	252	476715	39.670	ng		99
90) Dibenzo(a,h)anthracene	17.32	278	441568	39.744	ng		98
91) Benzo(g,h,i)perylene	17.79	276	426696	38.343	ng		96

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
Data File : BF104272.D
Acq On : 5 Apr 2018 16:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 09:06:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/6/2018 11:57:44 AM