Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096836.D
Acq On : 18 Jul 2017 9:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/19/2017 2:31:02 PM

Quant Time: Jul 18 13:02:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 11:39:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	124754	20.00	ng		-0.04
21) Naphthalene-d8	7.89	136	501533	20.00	ng		-0.04
38) Acenaphthene-d10	9.63	164	244245	20.00	ng		-0.04
63) Phenanthrene-d10	11.10	188	368621	20.00	ng		-0.04
75) Chrysene-d12	13.73	240	258116	20.00	ng		-0.04
86) Perylene-d12	15.10	264	251201	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	596760	71.92	ng		-0.03
7) Phenol-d6	6.25	99	750222	75.35	ng		-0.03
23) Nitrobenzene-d5	7.17	82	732347	90.45	ng		-0.04
41) 2,4,6-Tribromophenol	10.42	330	152715	73.25	ng		-0.04
44) 2-Fluorobiphenyl	8.96	172	1159345	74.99	ng		-0.04
78) Terphenyl-d14	12.69	244	1057292	71.04	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	152230	35.657	ng	#	76
3) Pyridine	2.85	79	334969	37.333	ng	#	59
4) n-Nitrosodimethylamine	2.80	42	202744	40.407	ng	#	78
6) Aniline	6.26	93	448818	36.595	ng	#	40
8) 2-Chlorophenol	6.39	128	329772	36.842	ng		92
9) Benzaldehyde	6.15	77	214004	37.186	ng		99
10) Phenol	6.27	94	408102	36.257	ng		75
11) bis(2-Chloroethyl)ether	6.35	93	309238	36.535	ng		91
12) 1,3-Dichlorobenzene	6.54	146	373257	39.230	ng		98
13) 1,4-Dichlorobenzene	6.62	146	364679	37.848	ng		94
14) 1,2-Dichlorobenzene	6.77	146	353415	40.326	ng		97
15) Benzyl Alcohol	6.75	79	260852	40.016	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	723112	41.396	ng		95
17) 2-Methylphenol	6.87	107	282129	40.533	ng		96
18) Hexachloroethane	7.11	117	143027	41.861	ng	#	80
19) n-Nitroso-di-n-propylamine	7.03	70	242712	40.462	ng	#	83
20) 3+4-Methylphenols	7.03	107	343045	40.614	ng	#	71
22) Acetophenone	7.02	105	487479	43.488	ng		99
24) Nitrobenzene	7.19	77	383252	45.766	ng		96
25) Isophorone	7.43	82	658453	43.714	ng		96
26) 2-Nitrophenol	7.50	139	187883	40.350	ng	#	87
27) 2,4-Dimethylphenol	7.56	122	300217	39.191	ng		96
28) bis(2-Chloroethoxy)methane	7.65	93	393262	38.637	ng		99
29) 2,4-Dichlorophenol	7.75	162	273442	39.435	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	258992	39.284	ng		97
31) Naphthalene	7.91	128	940900	39.602	ng		99
32) Benzoic acid	7.71	122	212379	43.378	ng		95
33) 4-Chloroaniline	7.96	127	386963	41.109	ng		94
34) Hexachlorobutadiene	8.03	225	150725	42.826	ng		98
35) Caprolactam	8.35	113	90553	40.757	ng	#	66
36) 4-Chloro-3-methylphenol	8.45	107	325174	43.613	ng		86
37) 2-Methylnaphthalene	8.60	142	593713	39.197	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	246383	37.317	ng		100
40) Hexachlorocyclopentadiene	8.76	237	79383	34.960	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096836.D
Acq On : 18 Jul 2017 9:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/19/2017 2:31:02 PM

Quant Time: Jul 18 13:02:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 11:39:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	190759	39.168	ng		97
43) 2,4,5-Trichlorophenol	8.92	196	192868	39.266	ng		97
45) 1,1'-Biphenyl	9.06	154	814999	38.907	ng		98
46) 2-Chloronaphthalene	9.09	162	585562	37.962	ng		94
47) 2-Nitroaniline	9.18	65	188456	35.544	ng		95
48) Acenaphthylene	9.49	152	890071	36.216	ng		99
49) Dimethylphthalate	9.37	163	657770	35.766	ng		100
50) 2,6-Dinitrotoluene	9.43	165	144328	36.232	ng	#	86
51) Acenaphthene	9.67	154	512399	35.293	ng		98
52) 3-Nitroaniline	9.59	138	191522	40.585	ng		91
53) 2,4-Dinitrophenol	9.70	184	76575	42.293	ng	#	72
54) Dibenzofuran	9.84	168	700555	34.433	ng		99
55) 4-Nitrophenol	9.76	139	139000	40.318	ng	#	64
56) 2,4-Dinitrotoluene	9.83	165	181792	35.515	ng	#	69
57) Fluorene	10.18	166	537635	35.761	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	138650	40.702	ng		98
59) Diethylphthalate	10.06	149	641796	35.848	ng		100
60) 4-Chlorophenyl-phenylether	10.17	204	233676	35.451	ng		95
61) 4-Nitroaniline	10.20	138	167538	37.807	ng		93
62) Azobenzene	10.33	77	540359	34.212	ng		92
64) 4,6-Dinitro-2-methylphenol	10.24	198	102219	44.166	ng		90
65) n-Nitrosodiphenylamine	10.29	169	505746	38.382	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	150040	39.867	ng		96
67) Hexachlorobenzene	10.73	284	163949	39.113	ng	#	90
68) Atrazine	10.83	200	150124	39.990	ng		94
69) Pentachlorophenol	10.92	266	85707	42.326	ng		97
70) Phenanthrene	11.13	178	769182	38.376	ng		99
71) Anthracene	11.19	178	798471	39.401	ng		98
72) Carbazole	11.34	167	797751	40.651	ng		99
73) Di-n-butylphthalate	11.68	149	983793	40.253	ng		99
74) Fluoranthene	12.32	202	824779	42.991	ng		98
76) Benzidine	12.43	184	428673	50.695	ng		95
77) Pyrene	12.54	202	834483	35.623	ng		99
79) Butylbenzylphthalate	13.17	149	422744	37.982	ng	#	83
80) Benzo(a)anthracene	13.72	228	631046	39.238	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	262964	45.469	ng	#	97
82) Chrysene	13.76	228	657002	41.497	ng		100
83) Bis(2-ethylhexyl)phthalate	13.73	149	508600	37.523	ng	#	99
84) Di-n-octyl phthalate	14.34	149	1054528	47.065	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.39	276	570253	38.823	ng		99
87) Benzo(b)fluoranthene	14.73	252	629028	41.519	ng		98
88) Benzo(k)fluoranthene	14.76	252	580005m	40.428	ng		
89) Benzo(a)pyrene	15.05	252	560929	40.368	ng		99
90) Dibenzo(a,h)anthracene	16.40	278	463015	36.213	ng		98
91) Benzo(g,h,i)perylene	16.78	276	437995	31.990	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096836.D
Acq On : 18 Jul 2017 9:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 18 13:02:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 11:39:34 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/19/2017 2:31:02 PM