Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097330.D
Acq On : 3 Aug 2017 21:31
Operator : SJ/JU
Sample : I4559-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

Manual Integrations APPROVED
Sohil
8/4/2017 5:30:22 PM

Quant Time: Aug 04 01:56:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	98152	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	402926	20.00	ng		-0.06
38) Acenaphthene-d10	9.47	164	185165	20.00	ng		-0.06
63) Phenanthrene-d10	10.94	188	288325	20.00	ng		-0.06
75) Chrysene-d12	13.56	240	157703	20.00	ng		-0.06
86) Perylene-d12	14.90	264	180506	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	692368	106.34	ng		-0.05
7) Phenol-d6	6.12	99	792249	106.58	ng		-0.05
23) Nitrobenzene-d5	7.02	82	471191	68.60	ng		-0.06
41) 2,4,6-Tribromophenol	10.26	330	150689	103.00	ng		-0.06
44) 2-Fluorobiphenyl	8.80	172	799401	73.27	ng		-0.06
78) Terphenyl-d14	12.52	244	539620	69.76	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	78167	28.769	ng	#	75
3) Pyridine	2.58	79	240097	28.858	ng	#	65
4) n-Nitrosodimethylamine	2.52	42	156372	33.926	ng		81
6) Aniline	6.11	93	302175	32.306	ng		90
8) 2-Chlorophenol	6.24	128	250342	35.958	ng		98
9) Benzaldehyde	5.99	77	151481	34.430	ng		94
10) Phenol	6.13	94	341946	38.784	ng		93
11) bis(2-Chloroethyl)ether	6.19	93	246604	35.364	ng		91
12) 1,3-Dichlorobenzene	6.38	146	253752	33.821	ng		98
13) 1,4-Dichlorobenzene	6.46	146	259401	34.887	ng		96
14) 1,2-Dichlorobenzene	6.62	146	224016	34.506	ng		97
15) Benzyl Alcohol	6.61	79	188014	39.952	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.73	45	445688	31.866	ng		53
17) 2-Methylphenol	6.73	107	181562	33.790	ng	#	89
18) Hexachloroethane	6.95	117	80917	29.747	ng	#	79
19) n-Nitroso-di-n-propylamine	6.87	70	164764	33.676	ng	#	78
20) 3+4-Methylphenols	6.89	107	257749	36.728	ng	#	61
22) Acetophenone	6.86	105	326709	33.764	ng	#	98
24) Nitrobenzene	7.03	77	252953	35.362	ng		96
25) Isophorone	7.28	82	462646	34.395	ng		97
26) 2-Nitrophenol	7.36	139	130666	33.763	ng	#	88
27) 2,4-Dimethylphenol	7.41	122	209211	32.771	ng		99
28) bis(2-Chloroethoxy)methane	7.49	93	308880	35.189	ng		99
29) 2,4-Dichlorophenol	7.61	162	209308	38.058	ng		98
30) 1,2,4-Trichlorobenzene	7.67	180	178861	34.120	ng		98
31) Naphthalene	7.75	128	655758	34.525	ng		99
32) Benzoic acid	7.56	122	75447	15.827	ng		99
33) 4-Chloroaniline	7.81	127	252802	32.711	ng		97
34) Hexachlorobutadiene	7.87	225	92113	33.145	ng		97
35) Caprolactam	8.18	113	70091m	39.745	ng		
36) 4-Chloro-3-methylphenol	8.32	107	207164	34.527	ng		89
37) 2-Methylnaphthalene	8.44	142	485415	40.365	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	171383	34.688	ng		100
40) Hexachlorocyclopentadiene	8.59	237	23974	19.324	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097330.D
Acq On : 3 Aug 2017 21:31
Operator : SJ/JU
Sample : I4559-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

Manual Integrations APPROVED
Sohil
8/4/2017 5:30:22 PM

Quant Time: Aug 04 01:56:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	125071	34.932	ng		97
43) 2,4,5-Trichlorophenol	8.77	196	131043	36.567	ng		99
45) 1,1'-Biphenyl	8.90	154	527207	33.334	ng		98
46) 2-Chloronaphthalene	8.92	162	406142	34.896	ng	#	93
47) 2-Nitroaniline	9.03	65	151737	35.924	ng		95
48) Acenaphthylene	9.33	152	586483	32.830	ng		100
49) Dimethylphthalate	9.21	163	603037	42.887	ng		99
50) 2,6-Dinitrotoluene	9.27	165	104132	34.917	ng	#	86
51) Acenaphthene	9.50	154	367880	34.961	ng		98
52) 3-Nitroaniline	9.44	138	128099	34.605	ng		92
53) 2,4-Dinitrophenol	9.57	184	18645	13.750	ng	#	74
54) Dibenzofuran	9.67	168	530368	37.840	ng		99
55) 4-Nitrophenol	9.63	139	120688	54.824	ng	#	58
56) 2,4-Dinitrotoluene	9.68	165	127261	37.120	ng	#	70
57) Fluorene	10.02	166	406712	38.608	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	93404	37.748	ng	#	98
59) Diethylphthalate	9.90	149	445371	34.524	ng		99
60) 4-Chlorophenyl-phenylether	10.01	204	172065	39.555	ng		95
61) 4-Nitroaniline	10.05	138	131971	37.520	ng		92
62) Azobenzene	10.17	77	490955	41.025	ng		94
64) 4,6-Dinitro-2-methylphenol	10.09	198	20942	11.689	ng		92
65) n-Nitrosodiphenylamine	10.13	169	390313	38.907	ng		98
66) 4-Bromophenyl-phenylether	10.49	248	108006	37.536	ng		93
67) Hexachlorobenzene	10.56	284	112217	34.778	ng	#	90
68) Atrazine	10.67	200	106862	37.148	ng		96
69) Pentachlorophenol	10.76	266	79208	59.329	ng		96
70) Phenanthrene	10.96	178	559898	36.243	ng		100
71) Anthracene	11.02	178	568100	35.904	ng		98
72) Carbazole	11.18	167	546060	35.091	ng		98
73) Di-n-butylphthalate	11.52	149	750123	38.997	ng		98
74) Fluoranthene	12.14	202	528534	34.923	ng		98
76) Benzidine	12.27	184	229884	39.286	ng	#	92
77) Pyrene	12.37	202	525442	40.698	ng		98
79) Butylbenzylphthalate	13.00	149	240738	36.657	ng	#	83
80) Benzo(a)anthracene	13.55	228	364036	35.676	ng		99
81) 3,3'-Dichlorobenzidine	13.52	252	131812	34.255	ng	#	95
82) Chrysene	13.59	228	342807	34.405	ng		100
83) Bis(2-ethylhexyl)phthalate	13.56	149	300285	35.020	ng		99
84) Di-n-octyl phthalate	14.17	149	565301	35.925	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.10	276	311180	36.422	ng		97
87) Benzo(b)fluoranthene	14.55	252	415302	38.274	ng		98
88) Benzo(k)fluoranthene	14.57	252	330633	31.977	ng		96
89) Benzo(a)pyrene	14.85	252	356683	35.917	ng		100
90) Dibenzo(a,h)anthracene	16.10	278	262172	32.193	ng		97
91) Benzo(g,h,i)perylene	16.45	276	243141	28.471	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097330.D
Acq On : 3 Aug 2017 21:31
Operator : SJ/JU
Sample : I4559-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 04 01:56:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

Manual Integrations APPROVED
Sohil
8/4/2017 5:30:22 PM