Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088034.D
Acq On : 15 Jun 2016 8:42
Operator : UM/SJ
Sample : H3446-01MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-50-060616MS

Manual Integrations APPROVED
sohil
6/15/2016 6:41:00 PM

Quant Time: Jun 15 13:32:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113773	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	441688	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	204161	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	309105	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	261887	20.00	ng		-0.01
86) Perylene-d12	15.35	264	206368	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	663346	99.67	ng		0.01
7) Phenol-d6	6.43	99	786855	97.56	ng		0.00
23) Nitrobenzene-d5	7.36	82	601139	79.47	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	177250	82.22	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	985087	75.16	ng		-0.01
78) Terphenyl-d14	12.89	244	732690	63.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	87637	27.10	ng	#	87
3) Pyridine	3.15	79	196255m	25.70	ng		
4) n-Nitrosodimethylamine	3.07	42	110004	34.02	ng		83
6) Aniline	6.44	93	198920	17.33	ng	#	1
8) 2-Chlorophenol	6.57	128	300642	38.17	ng		95
10) Phenol	6.44	94	322292	38.33	ng		82
11) bis(2-Chloroethyl)ether	6.52	93	293019	41.43	ng		90
12) 1,3-Dichlorobenzene	6.72	146	286628	33.91	ng		98
13) 1,4-Dichlorobenzene	6.80	146	290480	34.12	ng		98
14) 1,2-Dichlorobenzene	6.96	146	286844	37.05	ng		99
15) Benzyl Alcohol	6.94	79	238709	37.83	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	374323	39.18	ng		90
17) 2-Methylphenol	7.05	107	237840	37.23	ng		98
18) Hexachloroethane	7.29	117	96567	31.96	ng	#	80
19) n-Nitroso-di-n-propylamine	7.21	70	208645	40.44	ng	#	86
20) 3+4-Methylphenols	7.21	107	295524	39.65	ng	#	80
22) Acetophenone	7.20	105	391081	39.62	ng	#	95
24) Nitrobenzene	7.37	77	294687	40.22	ng		92
25) Isophorone	7.61	82	571377	40.78	ng		99
26) 2-Nitrophenol	7.69	139	169906	43.29	ng	#	81
27) 2,4-Dimethylphenol	7.74	122	301973	41.79	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	380102	43.74	ng		98
29) 2,4-Dichlorophenol	7.93	162	247711	41.06	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	247339	37.65	ng		99
31) Naphthalene	8.09	128	853173	39.03	ng		100
32) Benzoic acid	7.87	122	169567	42.61	ng		93
33) 4-Chloroaniline	8.15	127	95090	9.74	ng	#	94
34) Hexachlorobutadiene	8.22	225	138325	39.92	ng		99
35) Caprolactam	8.52	113	72400	36.23	ng	#	82
36) 4-Chloro-3-methylphenol	8.64	107	250548	38.83	ng		99
37) 2-Methylnaphthalene	8.79	142	597277	41.46	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	236764	44.33	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	41393	12.57	ng		99
42) 2,4,6-Trichlorophenol	9.07	196	179695	44.01	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088034.D
Acq On : 15 Jun 2016 8:42
Operator : UM/SJ
Sample : H3446-01MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Manual Integrations APPROVED
sohil
6/15/2016 6:41:00 PM

Quant Time: Jun 15 13:32:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	173084	40.75	ng		97
45) 1,1'-Biphenyl	9.26	154	726749	47.81	ng		96
46) 2-Chloronaphthalene	9.28	162	557904	42.23	ng		95
47) 2-Nitroaniline	9.37	65	144998	37.20	ng		91
48) Acenaphthylene	9.69	152	823988	39.21	ng		100
49) Dimethylphthalate	9.56	163	686469	46.42	ng		98
50) 2,6-Dinitrotoluene	9.62	165	159561	47.11	ng		99
51) Acenaphthene	9.86	154	514081	39.21	ng		98
52) 3-Nitroaniline	9.78	138	69771	17.85	ng		91
53) 2,4-Dinitrophenol	9.90	184	50865	33.33	ng	#	69
54) Dibenzofuran	10.03	168	714372	39.57	ng		92
55) 4-Nitrophenol	9.95	139	172308	56.80	ng		93
56) 2,4-Dinitrotoluene	10.02	165	172438	39.62	ng	#	73
57) Fluorene	10.38	166	536784	43.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	124557	37.31	ng	#	57
59) Diethylphthalate	10.26	149	665448	44.45	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	217435	36.22	ng		93
61) 4-Nitroaniline	10.40	138	131073	35.36	ng		98
62) Azobenzene	10.52	77	554889	37.48	ng		96
64) 4,6-Dinitro-2-methylphenol	10.43	198	39121	21.52	ng	#	56
65) n-Nitrosodiphenylamine	10.49	169	511837	49.90	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	150093	45.26	ng	#	89
67) Hexachlorobenzene	10.92	284	159196	46.20	ng	#	79
68) Atrazine	11.02	200	80796	26.01	ng		92
69) Pentachlorophenol	11.12	266	159046	87.57	ng		98
70) Phenanthrene	11.34	178	764635	47.14	ng		99
71) Anthracene	11.38	178	673026	41.14	ng		99
72) Carbazole	11.54	167	712505	46.54	ng		99
73) Di-n-butylphthalate	11.87	149	843317	43.51	ng		100
74) Fluoranthene	12.51	202	660007	38.56	ng		97
76) Benzidine	12.64	184	171945	23.71	ng		98
77) Pyrene	12.74	202	668681	34.41	ng		99
79) Butylbenzylphthalate	13.37	149	367821	42.81	ng		96
80) Benzo(a)anthracene	13.93	228	589729	39.52	ng		100
81) 3,3'-Dichlorobenzidine	13.90	252	176742	44.04	ng	#	97
82) Chrysene	13.97	228	564369	40.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	429276	41.04	ng		100
84) Di-n-octyl phthalate	14.54	149	863494	50.81	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	469941	36.03	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	734986m	51.10	ng		
88) Benzo(k)fluoranthene	14.98	252	385455m	35.52	ng		
89) Benzo(a)pyrene	15.29	252	498901	42.87	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	397256	36.75	ng		99
91) Benzo(g,h,i)perylene	17.11	276	392436	35.30	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088034.D
Acq On : 15 Jun 2016 8:42
Operator : UM/SJ
Sample : H3446-01MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 15 13:32:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Manual Integrations APPROVED
sohil
6/15/2016 6:41:00 PM