Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090400.D
Acq On : 6 Oct 2016 00:40
Operator : UM/SJ
Sample : H5061-27MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:40 PM

Quant Time: Oct 06 02:14:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	229111	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	980466	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	477232	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	779471	20.00	ng		0.00
75) Chrysene-d12	14.19	240	517362	20.00	ng		-0.01
86) Perylene-d12	15.70	264	412307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1741049	113.41	ng		0.01
7) Phenol-d6	6.63	99	2458300	122.27	ng		0.01
23) Nitrobenzene-d5	7.57	82	1610112	79.88	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	561951	144.81	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2092339	73.05	ng		0.00
78) Terphenyl-d14	13.14	244	1964387	85.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	259542	34.30	ng		95
3) Pyridine	3.55	79	786359	37.27	ng	#	85
4) n-Nitrosodimethylamine	3.49	42	363530	41.75	ng	#	64
6) Aniline	6.66	93	797073	28.70	ng		96
8) 2-Chlorophenol	6.78	128	631393	37.38	ng		83
9) Benzaldehyde	6.54	77	309267	30.43	ng		88
10) Phenol	6.65	94	987962	42.26	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	772652	43.17	ng		95
12) 1,3-Dichlorobenzene	6.94	146	676367m	40.16	ng		
13) 1,4-Dichlorobenzene	7.02	146	710190	41.52	ng		96
14) 1,2-Dichlorobenzene	7.17	146	618472	37.53	ng		95
15) Benzyl Alcohol	7.14	79	645944	42.26	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1224319	40.33	ng		92
17) 2-Methylphenol	7.25	107	578431	41.63	ng		98
18) Hexachloroethane	7.53	117	260158	38.58	ng	#	88
19) n-Nitroso-di-n-propylamine	7.41	70	588909	39.94	ng	#	84
20) 3+4-Methylphenols	7.40	107	746677	41.52	ng		93
22) Acetophenone	7.41	105	943438	40.63	ng	#	94
24) Nitrobenzene	7.58	77	779231	38.94	ng		97
25) Isophorone	7.82	82	1461834	39.67	ng		96
26) 2-Nitrophenol	7.90	139	353100	41.00	ng	#	79
27) 2,4-Dimethylphenol	7.94	122	629561	37.59	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	942391	43.24	ng		97
29) 2,4-Dichlorophenol	8.14	162	485754	38.14	ng		88
30) 1,2,4-Trichlorobenzene	8.23	180	549001	41.83	ng		99
31) Naphthalene	8.31	128	1915116	40.49	ng		99
32) Benzoic acid	7.99	122	49454	4.25	ng		92
33) 4-Chloroaniline	8.36	127	418919	21.43	ng	#	90
34) Hexachlorobutadiene	8.44	225	267388	36.46	ng		97
35) Caprolactam	8.73	113	183066m	42.76	ng		
36) 4-Chloro-3-methylphenol	8.84	107	646049	40.52	ng		98
37) 2-Methylnaphthalene	9.01	142	1274288	44.51	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	480619	38.20	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	558927	81.04	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090400.D
Acq On : 6 Oct 2016 00:40
Operator : UM/SJ
Sample : H5061-27MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:40 PM

Quant Time: Oct 06 02:14:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	376957m	43.42	ng		
43) 2,4,5-Trichlorophenol	9.32	196	342210m	41.68	ng		
45) 1,1'-Biphenyl	9.47	154	1318651	37.29	ng		93
46) 2-Chloronaphthalene	9.50	162	1150768	44.04	ng		93
47) 2-Nitroaniline	9.58	65	434045	42.10	ng	#	83
48) Acenaphthylene	9.91	152	1664356	38.61	ng		99
49) Dimethylphthalate	9.78	163	2244023	73.42	ng		100
50) 2,6-Dinitrotoluene	9.83	165	312904	46.11	ng	#	85
51) Acenaphthene	10.09	154	1088007	40.47	ng		97
52) 3-Nitroaniline	9.99	138	242766	30.63	ng		84
53) 2,4-Dinitrophenol	10.11	184	177582	58.70	ng	#	81
54) Dibenzofuran	10.26	168	1447657	41.61	ng	#	91
55) 4-Nitrophenol	10.15	139	508268	73.28	ng		94
56) 2,4-Dinitrotoluene	10.23	165	386976	42.85	ng	#	31
57) Fluorene	10.60	166	1202561	41.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	274596	44.79	ng	#	81
59) Diethylphthalate	10.47	149	1302806	41.20	ng	#	93
60) 4-Chlorophenyl-phenylether	10.60	204	585257	44.02	ng	#	85
61) 4-Nitroaniline	10.61	138	347374	43.49	ng		94
62) Azobenzene	10.76	77	1794467	49.13	ng		88
64) 4,6-Dinitro-2-methylphenol	10.65	198	191883	37.77	ng	#	65
65) n-Nitrosodiphenylamine	10.71	169	1108209	42.43	ng		97
66) 4-Bromophenyl-phenylether	11.09	248	338428	44.29	ng	#	85
67) Hexachlorobenzene	11.16	284	356113	41.85	ng	#	85
68) Atrazine	11.24	200	307153	47.69	ng		97
69) Pentachlorophenol	11.34	266	411974	81.34	ng		100
70) Phenanthrene	11.57	178	1853072	46.43	ng		98
71) Anthracene	11.62	178	1631568	40.03	ng		98
72) Carbazole	11.78	167	1702954	44.97	ng		96
73) Di-n-butylphthalate	12.11	149	2128175	46.18	ng	#	98
74) Fluoranthene	12.76	202	1622907	41.45	ng		99
76) Benzidine	12.87	184	712225	52.36	ng		99
77) Pyrene	12.99	202	1528522	44.31	ng		99
79) Butylbenzylphthalate	13.61	149	760037	42.94	ng	#	71
80) Benzo(a)anthracene	14.18	228	1334725	45.98	ng		98
81) 3,3'-Dichlorobenzidine	14.14	252	324319	30.82	ng	#	97
82) Chrysene	14.22	228	1294337	48.45	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1126618	44.78	ng	#	98
84) Di-n-octyl phthalate	14.80	149	1642213	44.03	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.22	276	1051788	55.22	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	1259221	47.95	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	822192m	33.33	ng		
89) Benzo(a)pyrene	15.63	252	982776	43.42	ng	#	93
90) Dibenzo(a,h)anthracene	17.24	278	905339	47.01	ng	#	95
91) Benzo(g,h,i)perylene	17.68	276	863908	46.75	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090400.D
Acq On : 6 Oct 2016 00:40
Operator : UM/SJ
Sample : H5061-27MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 06 02:14:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MS

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:40 PM