Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091129.D
Acq On : 9 Nov 2016 17:34
Operator : UM/SJ
Sample : H5584-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Manual Integrations APPROVED
Sohil
11/10/2016 12:41:45 PM

Quant Time: Nov 10 12:21:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177621	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	717113	20.00	ng		-0.01
38) Acenaphthene-d10	9.70	164	394364	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	647708	20.00	ng		0.00
75) Chrysene-d12	13.80	240	519386	20.00	ng		-0.01
86) Perylene-d12	15.17	264	369387	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1220681	113.50	ng		0.02
7) Phenol-d6	6.32	99	1472687	100.88	ng		0.00
23) Nitrobenzene-d5	7.23	82	1060848	80.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	488722	137.08	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1837606	80.22	ng		-0.01
78) Terphenyl-d14	12.76	244	2091772	100.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	193511	31.45	ng	#	82
3) Pyridine	2.97	79	410846m	28.55	ng		
4) n-Nitrosodimethylamine	2.90	42	196412	34.50	ng		84
6) Aniline	6.33	93	450680	26.17	ng	#	22
8) 2-Chlorophenol	6.44	128	504263	39.31	ng		99
9) Benzaldehyde	6.21	77	30687m	3.79	ng		
10) Phenol	6.33	94	488215	30.22	ng	#	77
11) bis(2-Chloroethyl)ether	6.41	93	550803	40.46	ng		85
12) 1,3-Dichlorobenzene	6.59	146	498379m	38.41	ng		
13) 1,4-Dichlorobenzene	6.67	146	530429	38.10	ng		95
14) 1,2-Dichlorobenzene	6.83	146	498009	38.98	ng		95
15) Benzyl Alcohol	6.82	79	422846	41.07	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.94	45	611640	31.38	ng		67
17) 2-Methylphenol	6.93	107	399991	39.39	ng		97
18) Hexachloroethane	7.16	117	196138	36.41	ng	#	89
19) n-Nitroso-di-n-propylamine	7.08	70	377751	37.34	ng		97
20) 3+4-Methylphenols	7.09	107	528201	43.32	ng		94
22) Acetophenone	7.08	105	716239	43.38	ng	#	93
24) Nitrobenzene	7.25	77	550031	37.89	ng	#	87
25) Isophorone	7.49	82	1045223	41.26	ng		97
26) 2-Nitrophenol	7.56	139	267660	43.56	ng	#	85
27) 2,4-Dimethylphenol	7.62	122	461128	45.38	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	635078	45.89	ng		99
29) 2,4-Dichlorophenol	7.81	162	424053	47.82	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	443603	44.49	ng		96
31) Naphthalene	7.96	128	1494343	43.57	ng		99
32) Benzoic acid	7.77	122	213420	29.15	ng		94
33) 4-Chloroaniline	8.03	127	320500	22.47	ng		99
34) Hexachlorobutadiene	8.09	225	260819	48.46	ng		99
35) Caprolactam	8.41	113	113470m	40.73	ng		
36) 4-Chloro-3-methylphenol	8.52	107	442186	41.19	ng		91
37) 2-Methylnaphthalene	8.66	142	1007805	45.71	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	443515	44.11	ng		98
40) Hexachlorocyclopentadiene	8.81	237	348153	88.48	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091129.D
Acq On : 9 Nov 2016 17:34
Operator : UM/SJ
Sample : H5584-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Manual Integrations APPROVED
Sohil
11/10/2016 12:41:45 PM

Quant Time: Nov 10 12:21:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	293850	45.27	ng		100
43) 2,4,5-Trichlorophenol	8.99	196	293713	43.10	ng	#	85
45) 1,1'-Biphenyl	9.13	154	1181051	41.01	ng		95
46) 2-Chloronaphthalene	9.15	162	936397	42.83	ng		92
47) 2-Nitroaniline	9.25	65	308317	38.00	ng	#	83
48) Acenaphthylene	9.56	152	1422112	41.74	ng		99
49) Dimethylphthalate	9.44	163	1104207	42.70	ng		99
50) 2,6-Dinitrotoluene	9.49	165	231338	41.74	ng	#	78
51) Acenaphthene	9.73	154	880699	41.17	ng		99
52) 3-Nitroaniline	9.66	138	190272	28.95	ng		85
53) 2,4-Dinitrophenol	9.78	184	278101	91.18	ng		96
54) Dibenzofuran	9.90	168	1296781	45.04	ng		92
55) 4-Nitrophenol	9.85	139	240471	56.74	ng		88
56) 2,4-Dinitrotoluene	9.90	165	324644	46.04	ng	#	89
57) Fluorene	10.25	166	998070	42.41	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	261672	49.01	ng		89
59) Diethylphthalate	10.13	149	1146220	43.23	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	461343	43.07	ng	#	89
61) 4-Nitroaniline	10.28	138	258025	38.81	ng		94
62) Azobenzene	10.40	77	1195897	38.32	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	166287	41.93	ng		95
65) n-Nitrosodiphenylamine	10.36	169	905600	43.99	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	325646	48.34	ng	#	69
67) Hexachlorobenzene	10.78	284	333053	44.82	ng		95
68) Atrazine	10.90	200	284350	47.88	ng		98
69) Pentachlorophenol	10.99	266	323171	98.20	ng		99
70) Phenanthrene	11.20	178	1354163	39.33	ng		99
71) Anthracene	11.25	178	1614381	44.10	ng		100
72) Carbazole	11.41	167	1417147	42.96	ng		97
73) Di-n-butylphthalate	11.75	149	1591943	38.37	ng		99
74) Fluoranthene	12.39	202	1514673	42.42	ng		88
76) Benzidine	12.51	184	122943	10.60	ng		97
77) Pyrene	12.60	202	1371890	40.33	ng		99
79) Butylbenzylphthalate	13.23	149	643984	39.58	ng		95
80) Benzo(a)anthracene	13.79	228	1237439	41.96	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	266257	25.70	ng	#	95
82) Chrysene	13.83	228	1163484	40.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	913606	41.49	ng	#	92
84) Di-n-octyl phthalate	14.41	149	1429150	39.48	ng		95
85) Indeno(1,2,3-cd)pyrene	16.47	276	1030117	42.70	ng		95
87) Benzo(b)fluoranthene	14.80	252	993368m	39.65	ng		
88) Benzo(k)fluoranthene	14.82	252	957260m	43.56	ng		
89) Benzo(a)pyrene	15.12	252	893020	40.94	ng	#	96
90) Dibenzo(a,h)anthracene	16.47	278	871711	46.23	ng		99
91) Benzo(g,h,i)perylene	16.84	276	816188	47.87	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091129.D
Acq On : 9 Nov 2016 17:34
Operator : UM/SJ
Sample : H5584-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 10 12:21:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HSR-WC-74-110716MS

Manual Integrations APPROVED
Sohil
11/10/2016 12:41:45 PM