Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084433.D
Acq On : 13 Jan 2016 2:24
Operator : SJ/UM
Sample : H1078-07MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-11SMS

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:55 PM

Quant Time: Jan 13 05:48:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	276191	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1069335	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	455851	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	772253	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	500260	20.00	ng		-0.06
86) Perylene-d12	15.43	264	496975	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1230565	72.07	ng		-0.04
7) Phenol-d6	6.49	99	1125591	52.49	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1698692	88.41	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	613840	133.38	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2408916	93.60	ng		-0.06
78) Terphenyl-d14	12.96	244	1878536	83.82	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	174421	21.56	ng	#	80
3) Pyridine	3.20	79	413527	18.34	ng	#	70
4) n-Nitrosodimethylamine	3.12	42	216372	18.69	ng	#	89
6) Aniline	6.51	93	650608	20.74	ng	#	76
8) 2-Chlorophenol	6.64	128	705467	36.41	ng		90
9) Benzaldehyde	6.38	77	186267	13.34	ng		98
10) Phenol	6.50	94	476447	19.54	ng		84
11) bis(2-Chloroethyl)ether	6.58	93	768807	40.70	ng		83
12) 1,3-Dichlorobenzene	6.78	146	815177	40.79	ng		98
13) 1,4-Dichlorobenzene	6.86	146	793815m	39.61	ng		
14) 1,2-Dichlorobenzene	7.01	146	743402	38.73	ng		98
15) Benzyl Alcohol	6.99	79	529773	29.37	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1343706	39.07	ng		86
17) 2-Methylphenol	7.12	107	519043	31.97	ng	#	92
18) Hexachloroethane	7.36	117	301876	37.67	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	590103	40.65	ng	#	76
20) 3+4-Methylphenols	7.26	107	554011	29.03	ng	#	79
22) Acetophenone	7.25	105	1080033	42.00	ng		98
24) Nitrobenzene	7.44	77	877814	45.05	ng	#	83
25) Isophorone	7.68	82	1646855	44.82	ng	#	94
26) 2-Nitrophenol	7.74	139	402803	45.42	ng	#	82
27) 2,4-Dimethylphenol	7.79	122	666193	37.11	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	982699	43.78	ng		98
29) 2,4-Dichlorophenol	8.00	162	658672	44.05	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	701689	45.45	ng	#	94
31) Naphthalene	8.16	128	2309565	47.60	ng		99
32) Benzoic acid	7.88	122	135014	16.42	ng		95
33) 4-Chloroaniline	8.20	127	391738	17.61	ng		97
34) Hexachlorobutadiene	8.27	225	369911	41.68	ng		98
35) Caprolactam	8.57	113	40003	7.94	ng	#	34
36) 4-Chloro-3-methylphenol	8.69	107	686687	41.00	ng		96
37) 2-Methylnaphthalene	8.84	142	1398520	40.16	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	646461	49.33	ng		98
40) Hexachlorocyclopentadiene	9.00	237	647331	81.83	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084433.D
Acq On : 13 Jan 2016 2:24
Operator : SJ/UM
Sample : H1078-07MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:55 PM

Quant Time: Jan 13 05:48:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	453887	46.29	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	435678	46.35	ng		94
45) 1,1'-Biphenyl	9.31	154	1838375	50.74	ng		98
46) 2-Chloronaphthalene	9.33	162	1364633	47.95	ng		93
47) 2-Nitroaniline	9.44	65	462131	49.20	ng	#	61
48) Acenaphthylene	9.74	152	1937175	46.08	ng		96
49) Dimethylphthalate	9.62	163	1650119	50.63	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	385090	53.88	ng	#	80
51) Acenaphthene	9.92	154	1402818	49.74	ng		98
52) 3-Nitroaniline	9.84	138	176721	19.95	ng		95
53) 2,4-Dinitrophenol	9.95	184	329475	106.96	ng		88
54) Dibenzofuran	10.09	168	1780227	49.00	ng		92
55) 4-Nitrophenol	10.02	139	247717	38.53	ng		86
56) 2,4-Dinitrotoluene	10.08	165	438442	48.47	ng		96
57) Fluorene	10.43	166	1276672	45.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	363806	45.34	ng		89
59) Diethylphthalate	10.32	149	1540910	47.96	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	653092	56.89	ng		90
61) 4-Nitroaniline	10.45	138	296782	37.59	ng		88
62) Azobenzene	10.59	77	1735889	49.26	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	235738	50.68	ng		77
65) n-Nitrosodiphenylamine	10.54	169	1177561	47.69	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	442881	53.28	ng		97
67) Hexachlorobenzene	10.98	284	429204	45.88	ng	#	86
68) Atrazine	11.08	200	389656	48.22	ng		94
69) Pentachlorophenol	11.19	266	387039	79.79	ng		99
70) Phenanthrene	11.39	178	1907730	47.23	ng		96
71) Anthracene	11.45	178	2043061	51.60	ng		97
72) Carbazole	11.61	167	1703527	44.01	ng		97
73) Di-n-butylphthalate	11.94	149	2117872	54.13	ng	#	96
74) Fluoranthene	12.58	202	1701425	40.32	ng		98
76) Benzidine	12.71	184	256189	14.28	ng		98
77) Pyrene	12.81	202	1672242	42.60	ng		98
79) Butylbenzylphthalate	13.44	149	755451	44.47	ng	#	88
80) Benzo(a)anthracene	14.00	228	1254570	42.71	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	268438	26.18	ng	#	98
82) Chrysene	14.03	228	1211803m	42.93	ng		
83) Bis(2-ethylhexyl)phthalate	14.00	149	914541	42.61	ng	#	95
84) Di-n-octyl phthalate	14.60	149	1550112	42.78	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1681878	75.17	ng		98
87) Benzo(b)fluoranthene	15.03	252	1364769m	41.98	ng		
88) Benzo(k)fluoranthene	15.05	252	1238422m	46.58	ng		
89) Benzo(a)pyrene	15.37	252	1300169	47.15	ng	#	93
90) Dibenzo(a,h)anthracene	16.84	278	1363569	57.47	ng		99
91) Benzo(g,h,i)perylene	17.25	276	1474291	60.00	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084433.D
Acq On : 13 Jan 2016 2:24
Operator : SJ/UM
Sample : H1078-07MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 13 05:48:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMS

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:55 PM