Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083148.D
Acq On : 22 Nov 2015 9:55
Operator : UM/IZ
Sample : G4510-08MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:50 PM

Quant Time: Nov 23 16:18:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	206302	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	786538	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	404354	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	737254	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	587975	20.00	ng		-0.01
86) Perylene-d12	15.15	264	511318	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1144428	83.87	ng		-0.01
7) Phenol-d6	6.32	99	988675	56.00	ng		-0.02
23) Nitrobenzene-d5	7.23	82	1624552	94.38	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	511556	123.66	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	2507733	86.48	ng		0.00
78) Terphenyl-d14	12.75	244	2151233	86.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	121081	17.91	ng		96
3) Pyridine	3.48	79	79791m	4.47	ng		
4) n-Nitrosodimethylamine	2.79	42	143384	17.41	ng		82
8) 2-Chlorophenol	6.44	128	629129	42.67	ng		98
9) Benzaldehyde	6.19	77	538397	Below	Cal		95
10) Phenol	6.33	94	398087	18.64	ng	#	77
11) bis(2-Chloroethyl)ether	6.40	93	786990	51.60	ng		98
12) 1,3-Dichlorobenzene	6.59	146	679623m	40.37	ng		
13) 1,4-Dichlorobenzene	6.67	146	675738	39.68	ng		93
14) 1,2-Dichlorobenzene	6.82	146	623466	40.28	ng		96
15) Benzyl Alcohol	6.82	79	378949	25.68	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1139274	47.90	ng		89
17) 2-Methylphenol	6.95	107	723677	59.32	ng	#	74
18) Hexachloroethane	7.16	117	244826	40.82	ng	#	87
19) n-Nitroso-di-n-propylamine	7.10	70	603595	49.12	ng	#	90
20) 3+4-Methylphenols	7.10	107	572873	37.15	ng		95
22) Acetophenone	7.07	105	995489	44.09	ng	#	98
24) Nitrobenzene	7.24	77	799036	43.44	ng		99
25) Isophorone	7.50	82	1521000	46.67	ng		99
26) 2-Nitrophenol	7.56	139	378605	46.63	ng		96
27) 2,4-Dimethylphenol	7.62	122	590536	45.57	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	904035	47.71	ng		98
29) 2,4-Dichlorophenol	7.82	162	608463	49.37	ng		98
30) 1,2,4-Trichlorobenzene	7.88	180	579219	42.78	ng		95
31) Naphthalene	7.96	128	1922894	45.30	ng		98
32) Benzoic acid	7.75	122	141794	14.08	ng		98
33) 4-Chloroaniline	8.03	127	69113	4.20	ng		94
34) Hexachlorobutadiene	8.09	225	344721	43.09	ng		98
35) Caprolactam	8.43	113	23732m	6.01	ng		
36) 4-Chloro-3-methylphenol	8.51	107	607190	42.53	ng	#	85
37) 2-Methylnaphthalene	8.65	142	1234332	44.80	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	550979	42.04	ng	#	97
40) Hexachlorocyclopentadiene	8.81	237	458642	61.54	ng		97
42) 2,4,6-Trichlorophenol	8.95	196	415240	44.24	ng		99

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083148.D
Acq On : 22 Nov 2015 9:55
Operator : UM/IZ
Sample : G4510-08MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:50 PM

Quant Time: Nov 23 16:18:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	447650	46.64	ng	#	88
45) 1,1'-Biphenyl	9.12	154	1407020	40.88	ng		95
46) 2-Chloronaphthalene	9.14	162	1196131	44.25	ng		95
47) 2-Nitroaniline	9.24	65	430583	45.03	ng		99
48) Acenaphthylene	9.55	152	1752708	41.84	ng		99
49) Dimethylphthalate	9.44	163	1534977	49.31	ng		99
50) 2,6-Dinitrotoluene	9.50	165	332548	47.61	ng	#	57
51) Acenaphthene	9.72	154	1102055	43.23	ng		100
52) 3-Nitroaniline	9.66	138	80256	10.78	ng	#	67
53) 2,4-Dinitrophenol	9.76	184	349807	86.92	ng	#	82
54) Dibenzofuran	9.90	168	1536650	42.62	ng		95
55) 4-Nitrophenol	9.85	139	217223	38.04	ng	#	77
56) 2,4-Dinitrotoluene	9.88	165	412760	46.64	ng		95
57) Fluorene	10.24	166	1311479	44.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	371025	47.13	ng		100
59) Diethylphthalate	10.14	149	1467351	47.35	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	608201	44.57	ng	#	80
61) 4-Nitroaniline	10.27	138	187652	25.59	ng		93
62) Azobenzene	10.39	77	1653084	46.74	ng		98
64) 4,6-Dinitro-2-methylphenol	10.30	198	232921	45.85	ng	#	76
65) n-Nitrosodiphenylamine	10.35	169	1073792	42.82	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	379212	46.35	ng	#	85
67) Hexachlorobenzene	10.79	284	430520	47.79	ng	#	81
68) Atrazine	10.90	200	387596	53.23	ng		96
69) Pentachlorophenol	10.98	266	494050	84.19	ng		99
70) Phenanthrene	11.19	178	1868815	44.00	ng		99
71) Anthracene	11.24	178	2036375	46.99	ng		99
72) Carbazole	11.40	167	1698289	44.09	ng		99
73) Di-n-butylphthalate	11.75	149	2267531	48.23	ng		99
74) Fluoranthene	12.38	202	2081541	47.88	ng		96
77) Pyrene	12.59	202	1931270	48.08	ng		99
79) Butylbenzylphthalate	13.23	149	994693	52.32	ng		99
80) Benzo(a)anthracene	13.78	228	1798933	49.47	ng		99
82) Chrysene	13.82	228	1382597	41.00	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1278192	51.48	ng		96
84) Di-n-octyl phthalate	14.40	149	2106609	49.28	ng		97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1469427	47.91	ng		97
87) Benzo(b)fluoranthene	14.79	252	1677603m	48.02	ng		
88) Benzo(k)fluoranthene	14.81	252	1140123m	43.80	ng		
89) Benzo(a)pyrene	15.11	252	1312617	45.51	ng		98
90) Dibenzo(a,h)anthracene	16.43	278	1236119	47.18	ng	#	97
91) Benzo(g,h,i)perylene	16.80	276	1228512	48.03	ng	#	96

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

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083148.D
Acq On : 22 Nov 2015 9:55
Operator : UM/IZ
Sample : G4510-08MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Nov 23 16:18:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-14A-111815MS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:50 PM