Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090100.D
Acq On : 15 Sep 2016 19:12
Operator : UM/SJ
Sample : H4758-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Manual Integrations APPROVED
sohil
9/20/2016 6:49:05 PM

Quant Time: Sep 16 01:22:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	151942	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	598705	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	241097	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	366606	20.00	ng		0.00
75) Chrysene-d12	13.67	240	289792	20.00	ng		0.00
86) Perylene-d12	14.99	264	220877	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1118925	118.44	ng		0.01
7) Phenol-d6	6.22	99	1402358	113.38	ng		0.01
23) Nitrobenzene-d5	7.13	82	861019	80.86	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	208757	86.20	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1289073	83.97	ng		0.00
78) Terphenyl-d14	12.63	244	756466	61.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	138877	28.15	ng		97
3) Pyridine	2.60	79	309848	25.83	ng		98
4) n-Nitrosodimethylamine	2.55	42	145324	37.08	ng		92
6) Aniline	6.25	93	323161	21.05	ng	#	64
8) 2-Chlorophenol	6.34	128	408708	37.55	ng		81
9) Benzaldehyde	6.09	77	46685	7.08	ng		94
10) Phenol	6.23	94	602973	43.43	ng	#	65
11) bis(2-Chloroethyl)ether	6.30	93	488352	43.86	ng		97
12) 1,3-Dichlorobenzene	6.49	146	430943	38.49	ng		99
13) 1,4-Dichlorobenzene	6.57	146	441698	38.21	ng		98
14) 1,2-Dichlorobenzene	6.72	146	373075m	35.52	ng		
15) Benzyl Alcohol	6.71	79	272439	39.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	486671	36.89	ng		74
17) 2-Methylphenol	6.83	107	340288	38.22	ng		99
18) Hexachloroethane	7.06	117	126821	30.23	ng		99
19) n-Nitroso-di-n-propylamine	6.98	70	287745	37.44	ng		94
20) 3+4-Methylphenols	6.99	107	438519	40.57	ng		95
22) Acetophenone	6.97	105	527850	36.42	ng	#	96
24) Nitrobenzene	7.14	77	403738	35.99	ng		97
25) Isophorone	7.39	82	806905	36.19	ng		95
26) 2-Nitrophenol	7.46	139	216797	39.86	ng		96
27) 2,4-Dimethylphenol	7.52	122	373847	39.07	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	540092	41.30	ng		99
29) 2,4-Dichlorophenol	7.71	162	310834	36.77	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	299911	35.97	ng		100
31) Naphthalene	7.86	128	1117638	37.98	ng		100
32) Benzoic acid	7.61	122	51544	7.76	ng		95
33) 4-Chloroaniline	7.93	127	241028	19.24	ng		97
34) Hexachlorobutadiene	7.99	225	158595	37.14	ng		99
35) Caprolactam	8.28	113	86073	30.49	ng		97
36) 4-Chloro-3-methylphenol	8.42	107	332705	33.90	ng	#	83
37) 2-Methylnaphthalene	8.55	142	651540	35.70	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	242240	39.07	ng		98
40) Hexachlorocyclopentadiene	8.71	237	31379	9.74	ng		100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090100.D
Acq On : 15 Sep 2016 19:12
Operator : UM/SJ
Sample : H4758-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Manual Integrations APPROVED
sohil
9/20/2016 6:49:05 PM

Quant Time: Sep 16 01:22:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	175538	39.07	ng		100
43) 2,4,5-Trichlorophenol	8.88	196	185465	38.37	ng	#	88
45) 1,1'-Biphenyl	9.02	154	718969	36.44	ng		99
46) 2-Chloronaphthalene	9.04	162	632085	43.24	ng		96
47) 2-Nitroaniline	9.14	65	189009	40.50	ng		86
48) Acenaphthylene	9.44	152	897885	36.57	ng		99
49) Dimethylphthalate	9.32	163	827210	46.19	ng		98
50) 2,6-Dinitrotoluene	9.38	165	148618	37.14	ng		94
51) Acenaphthene	9.62	154	543417	39.63	ng		99
52) 3-Nitroaniline	9.54	138	138531	28.45	ng		85
53) 2,4-Dinitrophenol	9.66	184	39043	17.95	ng		94
54) Dibenzofuran	9.79	168	781867	41.23	ng		95
55) 4-Nitrophenol	9.72	139	193780	56.55	ng		93
56) 2,4-Dinitrotoluene	9.78	165	192045	39.37	ng	#	82
57) Fluorene	10.12	166	535496	36.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	128104	34.75	ng		96
59) Diethylphthalate	10.02	149	651481	37.58	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	231271	40.06	ng		94
61) 4-Nitroaniline	10.16	138	147275	29.88	ng		98
62) Azobenzene	10.28	77	713892	39.24	ng		96
64) 4,6-Dinitro-2-methylphenol	10.18	198	41648	17.85	ng	#	67
65) n-Nitrosodiphenylamine	10.25	169	528643	45.51	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	140853	39.86	ng		94
67) Hexachlorobenzene	10.67	284	163313	39.22	ng	#	91
68) Atrazine	10.78	200	123519	35.78	ng		95
69) Pentachlorophenol	10.87	266	167802	68.78	ng		98
70) Phenanthrene	11.07	178	805249	45.45	ng		99
71) Anthracene	11.13	178	822642	42.53	ng		99
72) Carbazole	11.29	167	753748	37.98	ng		98
73) Di-n-butylphthalate	11.63	149	853445	38.35	ng		99
74) Fluoranthene	12.25	202	862460	46.46	ng		99
76) Benzidine	12.39	184	19468	1.65	ng	#	50
77) Pyrene	12.48	202	908890	42.98	ng		99
79) Butylbenzylphthalate	13.12	149	379764	36.06	ng		99
80) Benzo(a)anthracene	13.66	228	687517m	40.64	ng		
81) 3,3'-Dichlorobenzidine	13.63	252	155215	21.89	ng		97
82) Chrysene	13.69	228	639453m	40.30	ng		
83) Bis(2-ethylhexyl)phthalate	13.68	149	491970	37.77	ng		99
84) Di-n-octyl phthalate	14.29	149	891603	38.29	ng		99
85) Indeno(1,2,3-cd)pyrene	16.18	276	468753	34.00	ng		100
87) Benzo(b)fluoranthene	14.65	252	711194m	54.92	ng		
88) Benzo(k)fluoranthene	14.67	252	393884m	33.79	ng		
89) Benzo(a)pyrene	14.95	252	496857	42.79	ng	#	97
90) Dibenzo(a,h)anthracene	16.21	278	381581	41.96	ng		99
91) Benzo(g,h,i)perylene	16.54	276	392093	45.18	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090100.D
Acq On : 15 Sep 2016 19:12
Operator : UM/SJ
Sample : H4758-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 16 01:22:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
NC-TS-005MSD

Manual Integrations APPROVED
sohil
9/20/2016 6:49:05 PM