Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010218\

Quantitation Report (QT Reviewed)

Data File : BF101851.D
Acq On : 2 Jan 2018 15:17
Operator : SJ/JU
Sample : I7100-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-2(5-10)MSD

Quant Time: Jan 03 01:29:37 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	141677	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	551558	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	230946	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	366887	20.00	ng		0.00
75) Chrysene-d12	13.96	240	258583	20.00	ng		-0.01
86) Perylene-d12	15.43	264	292676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	955672	100.48	ng		0.00
7) Phenol-d6	6.43	99	1078114	91.08	ng		0.00
23) Nitrobenzene-d5	7.36	82	694009	70.04	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	198400	89.15	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1003500	67.40	ng		0.00
78) Terphenyl-d14	12.89	244	751520	70.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	137489	28.13	ng		97
3) Pyridine	3.30	79	326377	24.04	ng		96
4) n-Nitrosodimethylamine	3.25	42	172906	27.66	ng		99
6) Aniline	6.46	93	196413	11.94	ng	#	60
8) 2-Chlorophenol	6.57	128	331808	33.16	ng		98
9) Benzaldehyde	6.35	77	124532	14.25	ng		98
10) Phenol	6.45	94	443836	32.90	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	335548	31.71	ng		93
12) 1,3-Dichlorobenzene	6.72	146	363555	32.20	ng		99
13) 1,4-Dichlorobenzene	6.79	146	372977	32.34	ng		98
14) 1,2-Dichlorobenzene	6.95	146	332786	32.06	ng		98
15) Benzyl Alcohol	6.94	79	263042	32.29	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	571663	35.30	ng		78
17) 2-Methylphenol	7.05	107	266023	28.91	ng	#	86
18) Hexachloroethane	7.27	117	118291	29.51	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	237891	30.60	ng		94
20) 3+4-Methylphenols	7.22	107	375645	38.52	ng		96
22) Acetophenone	7.20	105	468731	37.24	ng	#	98
24) Nitrobenzene	7.37	77	367230	33.49	ng		98
25) Isophorone	7.60	82	659699	33.19	ng		97
26) 2-Nitrophenol	7.69	139	181614	38.55	ng		96
27) 2,4-Dimethylphenol	7.73	122	277472	34.67	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	417165	33.04	ng		98
29) 2,4-Dichlorophenol	7.95	162	288074	36.43	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	272801	32.69	ng		98
31) Naphthalene	8.08	128	912007	32.84	ng		99
33) 4-Chloroaniline	8.16	127	110202	9.13	ng		98
34) Hexachlorobutadiene	8.19	225	155794	32.28	ng		99
35) Caprolactam	8.52	113	92154	33.56	ng		90
36) 4-Chloro-3-methylphenol	8.65	107	287724	33.11	ng		99
37) 2-Methylnaphthalene	8.77	142	585115	32.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	282017	36.17	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	1567	12.70	ng		97
42) 2,4,6-Trichlorophenol	9.07	196	172814	36.81	ng		98

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Quantitation Report (QT Reviewed)

Data File : BF101851.D
Acq On : 2 Jan 2018 15:17
Operator : SJ/JU
Sample : I7100-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-2(5-10)MSD

Quant Time: Jan 03 01:29:37 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	158403	30.82	ng		95
45) 1,1'-Biphenyl	9.24	154	704197	34.38	ng		99
46) 2-Chloronaphthalene	9.27	162	524475	33.47	ng		97
47) 2-Nitroaniline	9.38	65	184741	34.12	ng		92
48) Acenaphthylene	9.68	152	762670	30.81	ng		100
49) Dimethylphthalate	9.54	163	712725	38.37	ng		99
50) 2,6-Dinitrotoluene	9.62	165	129146	34.21	ng		88
51) Acenaphthene	9.85	154	459191	30.88	ng		99
52) 3-Nitroaniline	9.80	138	109034	23.16	ng		99
53) 2,4-Dinitrophenol	9.99	184	2146	11.74	ng	#	1
54) Dibenzofuran	10.03	168	676797	35.81	ng		100
55) 4-Nitrophenol	9.99	139	64498	31.42	ng		96
56) 2,4-Dinitrotoluene	10.04	165	168729	39.67	ng	#	97
57) Fluorene	10.37	166	525131	32.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	128140	34.70	ng	#	84
59) Diethylphthalate	10.23	149	587822	31.95	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	262391	34.24	ng		95
61) 4-Nitroaniline	10.42	138	113409	23.97	ng		94
62) Azobenzene	10.52	77	629884	33.05	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	11352	6.06	ng	#	1
65) n-Nitrosodiphenylamine	10.47	169	478224	35.30	ng		95
66) 4-Bromophenyl-phenylether	10.85	248	155436	37.70	ng	#	86
67) Hexachlorobenzene	10.92	284	151180	34.65	ng	#	90
68) Atrazine	11.00	200	150791	37.33	ng		96
69) Pentachlorophenol	11.13	266	84540	52.30	ng		97
70) Phenanthrene	11.33	178	710196	34.81	ng		99
71) Anthracene	11.39	178	700124	33.59	ng		100
72) Carbazole	11.55	167	588556	30.16	ng		99
73) Di-n-butylphthalate	11.86	149	814403	34.39	ng		99
74) Fluoranthene	12.53	202	684306	31.95	ng		98
76) Benzidine	12.66	184	175627	16.08	ng		97
77) Pyrene	12.76	202	678523	34.96	ng		98
79) Butylbenzylphthalate	13.36	149	278882	31.76	ng		96
80) Benzo(a)anthracene	13.95	228	568843	33.32	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	151030	27.13	ng		99
82) Chrysene	13.99	228	552569	34.28	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	382152	34.36	ng		99
84) Di-n-octyl phthalate	14.52	149	682671	34.42	ng		100
85) Indeno(1,2,3-cd)pyrene	16.92	276	520065	36.23	ng		96
87) Benzo(b)fluoranthene	15.00	252	608051	34.08	ng		99
88) Benzo(k)fluoranthene	15.03	252	501016	28.89	ng		98
89) Benzo(a)pyrene	15.37	252	545602	33.18	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	436050	30.88	ng		96
91) Benzo(g,h,i)perylene	17.36	276	423600	30.30	ng		96

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

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Quantitation Report (QT Reviewed)

Data File : BF101851.D
Acq On : 2 Jan 2018 15:17
Operator : SJ/JU
Sample : I7100-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Quant Time: Jan 03 01:29:37 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration