Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101418.D
Acq On : 15 Dec 2017 2:30
Operator : SJ/JU
Sample : I6828-05MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MSD

Manual Integrations APPROVED
Sohil
12/15/2017 6:44:58 PM

Quant Time: Dec 15 05:18:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178044	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	724642	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	331836	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	615355	20.00	ng		0.00
75) Chrysene-d12	14.00	240	410301	20.00	ng		0.00
86) Perylene-d12	15.46	264	350266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1080440	90.39	ng		0.01
7) Phenol-d6	6.46	99	1306681	87.84	ng		0.00
23) Nitrobenzene-d5	7.39	82	848003	65.14	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	301584	94.32	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1311121	61.29	ng		0.00
78) Terphenyl-d14	12.93	244	1295799	76.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	172068	28.016	ng		93
3) Pyridine	3.39	79	452195	26.500	ng		97
4) n-Nitrosodimethylamine	3.35	42	241399	30.725	ng		99
6) Aniline	6.49	93	245982	11.899	ng	#	88
8) 2-Chlorophenol	6.60	128	399211	31.750	ng		98
9) Benzaldehyde	6.37	77	131573	11.977	ng		100
10) Phenol	6.47	94	558252	32.926	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	411057	30.908	ng		92
12) 1,3-Dichlorobenzene	6.75	146	437327	30.818	ng		98
13) 1,4-Dichlorobenzene	6.83	146	443534	30.607	ng		98
14) 1,2-Dichlorobenzene	6.99	146	405896	31.118	ng		97
15) Benzyl Alcohol	6.96	79	316946	30.955	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	711739	34.969	ng		87
17) 2-Methylphenol	7.07	107	344012	29.744	ng	#	95
18) Hexachloroethane	7.32	117	155373	30.839	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	284143	29.086	ng		93
20) 3+4-Methylphenols	7.23	107	423281	34.537	ng	#	54
22) Acetophenone	7.23	105	516169	31.217	ng	#	89
24) Nitrobenzene	7.40	77	452136	31.382	ng		100
25) Isophorone	7.64	82	847756	32.463	ng		98
26) 2-Nitrophenol	7.72	139	219316	35.433	ng		97
27) 2,4-Dimethylphenol	7.75	122	365668	34.775	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	525397	31.672	ng		99
29) 2,4-Dichlorophenol	7.96	162	353573	34.034	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	341678	31.166	ng		95
31) Naphthalene	8.12	128	1139904	31.246	ng		99
32) Benzoic acid	7.86	122	29573	11.442	ng		97
33) 4-Chloroaniline	8.17	127	108266	6.828	ng		98
34) Hexachlorobutadiene	8.23	225	195252	30.793	ng		99
35) Caprolactam	8.55	113	119866m	33.229	ng		
36) 4-Chloro-3-methylphenol	8.67	107	372000	32.579	ng		97
37) 2-Methylnaphthalene	8.81	142	761388	32.034	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	331644	29.601	ng		98
40) Hexachlorocyclopentadiene	8.96	237	73173	44.455	ng		99

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101418.D
Acq On : 15 Dec 2017 2:30
Operator : SJ/JU
Sample : I6828-05MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MSD

Manual Integrations APPROVED
Sohil
12/15/2017 6:44:58 PM

Quant Time: Dec 15 05:18:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	225704	33.463	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	237276	32.128	ng		95
45) 1,1'-Biphenyl	9.27	154	869306	29.539	ng		99
46) 2-Chloronaphthalene	9.30	162	702457	31.196	ng		97
47) 2-Nitroaniline	9.41	65	257366	33.086	ng		94
48) Acenaphthylene	9.72	152	1059324	29.785	ng		99
49) Dimethylphthalate	9.57	163	893338	33.469	ng		99
50) 2,6-Dinitrotoluene	9.65	165	180815	33.331	ng		96
51) Acenaphthene	9.89	154	639779	29.941	ng		98
52) 3-Nitroaniline	9.82	138	97960	14.484	ng		99
53) 2,4-Dinitrophenol	9.95	184	45534	31.311	ng	#	18
54) Dibenzofuran	10.06	168	875406	32.237	ng		98
55) 4-Nitrophenol	10.00	139	202248	68.578	ng		92
56) 2,4-Dinitrotoluene	10.06	165	210794	34.488	ng	#	84
57) Fluorene	10.40	166	732588	31.891	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	190324	35.870	ng		89
59) Diethylphthalate	10.27	149	792326	29.976	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	348932	31.694	ng		94
61) 4-Nitroaniline	10.44	138	176145	25.910	ng		97
62) Azobenzene	10.56	77	830780	30.341	ng		95
64) 4,6-Dinitro-2-methylphenol	10.47	198	77707	24.746	ng		94
65) n-Nitrosodiphenylamine	10.52	169	691690	30.442	ng		96
66) 4-Bromophenyl-phenylether	10.89	248	221021	31.966	ng	#	84
67) Hexachlorobenzene	10.96	284	226936	31.011	ng	#	90
68) Atrazine	11.05	200	222707	32.872	ng		96
69) Pentachlorophenol	11.16	266	174949	62.995	ng		97
70) Phenanthrene	11.37	178	1067620	31.198	ng		98
71) Anthracene	11.43	178	1104430	31.595	ng		99
72) Carbazole	11.58	167	1013490	30.968	ng		99
73) Di-n-butylphthalate	11.90	149	1238409	31.177	ng		99
74) Fluoranthene	12.56	202	1094564	30.473	ng		99
76) Benzidine	12.69	184	321312	18.542	ng		97
77) Pyrene	12.79	202	1102855	35.815	ng		100
79) Butylbenzylphthalate	13.40	149	508333	36.484	ng		98
80) Benzo(a)anthracene	13.99	228	842957	31.114	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	187391	21.212	ng	#	96
82) Chrysene	14.02	228	786157	30.733	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	657542	37.259	ng		99
84) Di-n-octyl phthalate	14.56	149	1027553	32.648	ng		97
85) Indeno(1,2,3-cd)pyrene	16.95	276	681592	29.921	ng		96
87) Benzo(b)fluoranthene	15.03	252	711636	33.333	ng		99
88) Benzo(k)fluoranthene	15.06	252	611864	29.477	ng		98
89) Benzo(a)pyrene	15.40	252	634354	32.232	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	570289	33.749	ng		98
91) Benzo(g,h,i)perylene	17.39	276	576483	34.453	ng		96

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101418.D
Acq On : 15 Dec 2017 2:30
Operator : SJ/JU
Sample : I6828-05MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 15 05:18:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MSD

Manual Integrations APPROVED
Sohil
12/15/2017 6:44:58 PM