Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101219.D
Acq On : 7 Dec 2017 21:34
Operator : SJ/JU
Sample : PB104800BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Manual Integrations APPROVED
Sohil
12/8/2017 11:12:28 AM

Quant Time: Dec 08 01:02:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	43097	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	155470	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	63378	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	111099	20.00	ng		0.00
75) Chrysene-d12	14.03	240	82273	20.00	ng		0.00
86) Perylene-d12	15.50	264	63636	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	219168	84.03	ng		0.00
7) Phenol-d6	6.48	99	257227	81.23	ng		0.00
23) Nitrobenzene-d5	7.41	82	222723	85.46	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	56092	73.67	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	459495	99.20	ng		0.00
78) Terphenyl-d14	12.96	244	338011	89.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	39013	36.174	ng		96
3) Pyridine	3.45	79	104092	37.232	ng		95
4) n-Nitrosodimethylamine	3.40	42	54501	39.913	ng	#	86
6) Aniline	6.51	93	58561	14.222	ng		98
8) 2-Chlorophenol	6.63	128	113062	39.759	ng		96
9) Benzaldehyde	6.39	77	35916	18.532	ng		96
10) Phenol	6.49	94	127913	36.330	ng		93
11) bis(2-Chloroethyl)ether	6.58	93	100445	38.034	ng		96
12) 1,3-Dichlorobenzene	6.78	146	129239	39.031	ng		100
13) 1,4-Dichlorobenzene	6.86	146	131397	38.328	ng		99
14) 1,2-Dichlorobenzene	7.01	146	120872	37.800	ng		99
15) Benzyl Alcohol	6.99	79	87979	35.974	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	156356	43.555	ng		94
17) 2-Methylphenol	7.10	107	88610	38.589	ng		96
18) Hexachloroethane	7.35	117	33025	29.985	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	75815	35.552	ng		96
20) 3+4-Methylphenols	7.25	107	112762	37.655	ng	#	58
22) Acetophenone	7.25	105	148244	39.468	ng	#	90
24) Nitrobenzene	7.43	77	107225	41.978	ng		99
25) Isophorone	7.66	82	194015	43.582	ng		99
26) 2-Nitrophenol	7.75	139	38989	27.806	ng		94
27) 2,4-Dimethylphenol	7.78	122	94398	46.538	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	124993	41.775	ng		99
29) 2,4-Dichlorophenol	7.99	162	91199	41.306	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	101871	41.960	ng		96
31) Naphthalene	8.15	128	308538	40.267	ng		99
32) Benzoic acid	7.90	122	37369m	23.687	ng		
33) 4-Chloroaniline	8.20	127	31250	10.150	ng		99
34) Hexachlorobutadiene	8.26	225	61227	41.118	ng		97
35) Caprolactam	8.58	113	24663m	35.843	ng		
36) 4-Chloro-3-methylphenol	8.69	107	86782	37.944	ng		98
37) 2-Methylnaphthalene	8.84	142	204882	39.352	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	93993	40.824	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	6826	15.475	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101219.D
Acq On : 7 Dec 2017 21:34
Operator : SJ/JU
Sample : PB104800BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 08 01:02:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Manual Integrations APPROVED
Sohil
12/8/2017 11:12:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	59531	44.108	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	59638	41.331	ng		92
45) 1,1'-Biphenyl	9.30	154	234328	40.355	ng		97
46) 2-Chloronaphthalene	9.33	162	181801	44.086	ng		96
47) 2-Nitroaniline	9.43	65	55656	45.617	ng		96
48) Acenaphthylene	9.75	152	266942	39.389	ng		99
49) Dimethylphthalate	9.60	163	220190	43.079	ng		99
50) 2,6-Dinitrotoluene	9.67	165	36893	34.270	ng	#	82
51) Acenaphthene	9.92	154	158050	38.947	ng		99
52) 3-Nitroaniline	9.85	138	47463	39.204	ng		99
53) 2,4-Dinitrophenol	9.96	184	2423	8.940	ng	#	16
54) Dibenzofuran	10.09	168	237435	40.601	ng		99
55) 4-Nitrophenol	10.01	139	48922	59.919	ng		97
56) 2,4-Dinitrotoluene	10.08	165	42786	29.656	ng		95
57) Fluorene	10.43	166	181715	38.224	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	45319	39.227	ng	#	86
59) Diethylphthalate	10.30	149	202979	40.262	ng		95
60) 4-Chlorophenyl-phenylether	10.42	204	92102	39.239	ng		94
61) 4-Nitroaniline	10.46	138	47316	37.650	ng		91
62) Azobenzene	10.59	77	158993	37.162	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	2398	3.218	ng		80
65) n-Nitrosodiphenylamine	10.55	169	165948	42.340	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	54951	44.188	ng	#	84
67) Hexachlorobenzene	10.99	284	54509	40.898	ng	#	88
68) Atrazine	11.07	200	49720	41.355	ng		98
69) Pentachlorophenol	11.19	266	42711	58.283	ng		97
70) Phenanthrene	11.40	178	242564	39.646	ng		99
71) Anthracene	11.45	178	252032	40.702	ng		98
72) Carbazole	11.61	167	221599	39.169	ng		99
73) Di-n-butylphthalate	11.93	149	291497	41.106	ng		98
74) Fluoranthene	12.59	202	249022	36.719	ng		95
76) Benzidine	12.72	184	207382	77.515	ng		96
77) Pyrene	12.82	202	249842	44.009	ng		98
79) Butylbenzylphthalate	13.43	149	111935	44.721	ng		95
80) Benzo(a)anthracene	14.02	228	208213	40.083	ng		97
81) 3,3'-Dichlorobenzidine	13.97	252	78677	43.734	ng	#	98
82) Chrysene	14.05	228	196771	40.787	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	158139	44.311	ng		99
84) Di-n-octyl phthalate	14.60	149	248049	41.744	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	150055	34.986	ng	#	90
87) Benzo(b)fluoranthene	15.07	252	169345	44.429	ng		98
88) Benzo(k)fluoranthene	15.10	252	148875	39.644	ng	#	94
89) Benzo(a)pyrene	15.44	252	145329	41.939	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	123447	40.409	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	120651	41.907	ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101219.D
Acq On : 7 Dec 2017 21:34
Operator : SJ/JU
Sample : PB104800BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 08 01:02:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB104800BS

Manual Integrations APPROVED
Sohil
12/8/2017 11:12:28 AM