Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089954.D
Acq On : 31 Aug 2016 17:00
Operator : UM/SJ
Sample : PB93165BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Manual Integrations APPROVED
SOHIL
9/1/2016 11:54:00 AM

Quant Time: Aug 31 18:35:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	186623	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	723529	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	341888	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	608936	20.00	ng		0.00
75) Chrysene-d12	13.76	240	390788	20.00	ng		0.00
86) Perylene-d12	15.10	264	424066	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1369586	117.47	ng		0.01
7) Phenol-d6	6.28	99	1685798	118.99	ng		0.01
23) Nitrobenzene-d5	7.21	82	1094196	87.71	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	411394	121.97	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1906233	91.53	ng		0.00
78) Terphenyl-d14	12.72	244	1369702	86.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	207719	37.60	ng		99
3) Pyridine	2.80	79	560549	38.03	ng		97
4) n-Nitrosodimethylamine	2.75	42	329217	45.30	ng		99
6) Aniline	6.30	93	528390	27.33	ng	#	51
8) 2-Chlorophenol	6.42	128	551011	43.56	ng		93
9) Benzaldehyde	6.17	77	104998	11.49	ng		90
10) Phenol	6.30	94	585835	35.56	ng		93
11) bis(2-Chloroethyl)ether	6.39	93	568186	45.57	ng		86
12) 1,3-Dichlorobenzene	6.58	146	616350	43.63	ng		99
13) 1,4-Dichlorobenzene	6.65	146	607173	42.01	ng		100
14) 1,2-Dichlorobenzene	6.81	146	598195	46.16	ng		98
15) Benzyl Alcohol	6.79	79	398849	44.94	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1082579	45.54	ng		98
17) 2-Methylphenol	6.91	107	498893	49.39	ng		97
18) Hexachloroethane	7.15	117	217140	43.86	ng		98
19) n-Nitroso-di-n-propylamine	7.07	70	422110	45.72	ng		98
20) 3+4-Methylphenols	7.06	107	523537	42.76	ng		99
22) Acetophenone	7.05	105	688413	42.41	ng	#	93
24) Nitrobenzene	7.22	77	539991	40.71	ng		98
25) Isophorone	7.47	82	1116467	44.01	ng		98
26) 2-Nitrophenol	7.54	139	287103	45.28	ng		99
27) 2,4-Dimethylphenol	7.60	122	559694	47.72	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	744232	48.64	ng		99
29) 2,4-Dichlorophenol	7.78	162	475846	45.26	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	543757	47.30	ng		100
31) Naphthalene	7.94	128	1508124	41.84	ng		100
32) Benzoic acid	7.72	122	273566	34.63	ng		87
33) 4-Chloroaniline	8.00	127	282466	19.42	ng		95
34) Hexachlorobutadiene	8.07	225	289708	43.01	ng		99
35) Caprolactam	8.36	113	155276	46.79	ng		92
36) 4-Chloro-3-methylphenol	8.49	107	504674	45.32	ng		88
37) 2-Methylnaphthalene	8.64	142	1132090	47.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	387805	38.72	ng		99
40) Hexachlorocyclopentadiene	8.80	237	372802	72.59	ng		96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089954.D
Acq On : 31 Aug 2016 17:00
Operator : UM/SJ
Sample : PB93165BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Manual Integrations APPROVED
SOHIL
9/1/2016 11:54:00 AM

Quant Time: Aug 31 18:35:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	332168	47.86	ng		100
43) 2,4,5-Trichlorophenol	8.96	196	342605	51.33	ng	#	92
45) 1,1'-Biphenyl	9.10	154	1069370	38.85	ng		100
46) 2-Chloronaphthalene	9.12	162	926202	47.56	ng		99
47) 2-Nitroaniline	9.22	65	337279	52.98	ng	#	63
48) Acenaphthylene	9.53	152	1431625	44.46	ng		99
49) Dimethylphthalate	9.40	163	1127321	45.62	ng		99
50) 2,6-Dinitrotoluene	9.46	165	249345	45.37	ng		95
51) Acenaphthene	9.70	154	952892	46.71	ng		100
52) 3-Nitroaniline	9.62	138	160965	25.68	ng		99
53) 2,4-Dinitrophenol	9.74	184	162575	52.68	ng	#	55
54) Dibenzofuran	9.87	168	1283343	46.94	ng		99
55) 4-Nitrophenol	9.79	139	374655	79.24	ng	#	62
56) 2,4-Dinitrotoluene	9.86	165	312727	44.87	ng	#	85
57) Fluorene	10.22	166	981719	49.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	282506	49.44	ng		95
59) Diethylphthalate	10.10	149	1066272	45.87	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	466321	49.61	ng		95
61) 4-Nitroaniline	10.24	138	267687	43.46	ng		98
62) Azobenzene	10.36	77	1124983	48.45	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	119857	30.74	ng		99
65) n-Nitrosodiphenylamine	10.33	169	864847	47.24	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	303962	49.58	ng		98
67) Hexachlorobenzene	10.75	284	298929	42.69	ng		99
68) Atrazine	10.87	200	314086	51.39	ng		91
69) Pentachlorophenol	10.95	266	306010	81.23	ng		97
70) Phenanthrene	11.16	178	1427595	47.08	ng		99
71) Anthracene	11.21	178	1358372	44.17	ng		100
72) Carbazole	11.37	167	1238152	42.93	ng		99
73) Di-n-butylphthalate	11.71	149	1599254	47.58	ng		100
74) Fluoranthene	12.34	202	1375558	43.29	ng		99
76) Benzidine	12.47	184	638237	43.11	ng		96
77) Pyrene	12.56	202	1236624	44.88	ng		99
79) Butylbenzylphthalate	13.20	149	559012	50.31	ng		100
80) Benzo(a)anthracene	13.75	228	1138861	47.58	ng		100
81) 3,3'-Dichlorobenzidine	13.71	252	350084	40.52	ng		99
82) Chrysene	13.78	228	1090428	48.77	ng		100
83) Bis(2-ethylhexyl)phthalate	13.77	149	773867	50.35	ng		100
84) Di-n-octyl phthalate	14.38	149	1348939	54.38	ng		99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1165764	70.53	ng		99
87) Benzo(b)fluoranthene	14.74	252	1257894m	47.35	ng		
88) Benzo(k)fluoranthene	14.77	252	860307m	38.16	ng		
89) Benzo(a)pyrene	15.05	252	1094986	48.11	ng	#	98
90) Dibenzo(a,h)anthracene	16.35	278	977297	58.60	ng		98
91) Benzo(g,h,i)perylene	16.70	276	959009	57.13	ng	#	95

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089954.D
Acq On : 31 Aug 2016 17:00
Operator : UM/SJ
Sample : PB93165BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 31 18:35:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB93165BS

Manual Integrations APPROVED
SOHIL
9/1/2016 11:54:00 AM