Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089789.D
Acq On : 19 Aug 2016 11:41
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
umangi
8/19/2016 4:51:28 PM

Quant Time: Aug 19 12:09:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 11:53:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	611033	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2492277	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	1149750	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	2046081	20.00	ng		0.01
75) Chrysene-d12	13.87	240	1198769	20.00	ng		0.00
86) Perylene-d12	15.37	264	1101418	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	3391753	92.62	ng		0.00
7) Phenol-d6	6.33	99	4106429	88.16	ng		0.01
23) Nitrobenzene-d5	7.26	82	3497050	85.68	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	1031042	92.70	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	5382817	75.12	ng		0.00
78) Terphenyl-d14	12.79	244	4322886	107.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	833581	44.09	ng		96
3) Pyridine	2.81	79	2303329	47.28	ng		94
4) n-Nitrosodimethylamine	2.78	42	864537	44.21	ng		81
6) Aniline	6.35	93	2865924	45.77	ng		99
8) 2-Chlorophenol	6.47	128	1909237	43.83	ng		93
9) Benzaldehyde	6.23	77	1349298	43.70	ng		87
10) Phenol	6.34	94	2507496	43.25	ng		99
11) bis(2-Chloroethyl)ether	6.43	93	1982493	46.15	ng		98
12) 1,3-Dichlorobenzene	6.63	146	2135705	45.87	ng		95
13) 1,4-Dichlorobenzene	6.71	146	2305213	48.87	ng		95
14) 1,2-Dichlorobenzene	6.86	146	1816522m	40.39	ng		
15) Benzyl Alcohol	6.83	79	1273885	40.92	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2462517	43.69	ng		93
17) 2-Methylphenol	6.96	107	1717266	49.62	ng		95
18) Hexachloroethane	7.20	117	752380	43.52	ng	#	85
19) n-Nitroso-di-n-propylamine	7.12	70	1210813	39.69	ng		92
20) 3+4-Methylphenols	7.11	107	1949679	43.99	ng		92
22) Acetophenone	7.11	105	2513819	43.39	ng	#	88
24) Nitrobenzene	7.28	77	2168143	47.22	ng		92
25) Isophorone	7.52	82	3632331	44.48	ng		95
26) 2-Nitrophenol	7.59	139	983353	45.52	ng	#	76
27) 2,4-Dimethylphenol	7.64	122	1951188	47.65	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	2148782	43.30	ng		96
29) 2,4-Dichlorophenol	7.84	162	1597838	46.87	ng		95
30) 1,2,4-Trichlorobenzene	7.92	180	1751175	47.85	ng		98
31) Naphthalene	8.00	128	5243385	46.87	ng		95
32) Benzoic acid	7.78	122	1604976	50.41	ng		98
33) 4-Chloroaniline	8.04	127	2115917	40.88	ng	#	90
34) Hexachlorobutadiene	8.12	225	923791	48.05	ng		98
35) Caprolactam	8.43	113	456753	43.47	ng		88
36) 4-Chloro-3-methylphenol	8.54	107	1847224	49.77	ng		99
37) 2-Methylnaphthalene	8.68	142	3201268m	42.04	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1800777	48.72	ng	#	95
40) Hexachlorocyclopentadiene	8.84	237	671622	40.77	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089789.D
Acq On : 19 Aug 2016 11:41
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
umangi
8/19/2016 4:51:28 PM

Quant Time: Aug 19 12:09:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 11:53:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	1087696	45.55	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	1193964	52.44	ng	#	93
45) 1,1'-Biphenyl	9.15	154	4075139	42.80	ng		93
46) 2-Chloronaphthalene	9.18	162	3506075	49.14	ng		91
47) 2-Nitroaniline	9.27	65	1116236	51.34	ng		86
48) Acenaphthylene	9.59	152	5230218	47.61	ng		97
49) Dimethylphthalate	9.46	163	3774213	45.37	ng		97
50) 2,6-Dinitrotoluene	9.52	165	962850	51.14	ng	#	68
51) Acenaphthene	9.76	154	3568566	48.15	ng		98
52) 3-Nitroaniline	9.68	138	1018801	46.54	ng		95
53) 2,4-Dinitrophenol	9.78	184	469989	70.26	ng	#	68
54) Dibenzofuran	9.93	168	4344036	47.62	ng		93
55) 4-Nitrophenol	9.84	139	928237	55.11	ng		97
56) 2,4-Dinitrotoluene	9.91	165	1050832	43.42	ng	#	64
57) Fluorene	10.26	166	3162715	42.92	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	872835	49.09	ng		99
59) Diethylphthalate	10.16	149	3789220	44.92	ng		96
60) 4-Chlorophenyl-phenylether	10.26	204	1360622	37.60	ng		93
61) 4-Nitroaniline	10.30	138	1095942	51.56	ng		95
62) Azobenzene	10.42	77	3506002	43.99	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	659641	55.52	ng	#	79
65) n-Nitrosodiphenylamine	10.39	169	3094317	48.19	ng		97
66) 4-Bromophenyl-phenylether	10.75	248	1006086	47.48	ng	#	81
67) Hexachlorobenzene	10.81	284	1074532	45.62	ng	#	83
68) Atrazine	10.91	200	837616	43.06	ng		96
69) Pentachlorophenol	11.00	266	761690	51.91	ng		99
70) Phenanthrene	11.22	178	4679906	46.53	ng		93
71) Anthracene	11.27	178	4606556	43.84	ng		97
72) Carbazole	11.43	167	4219461	42.38	ng		96
73) Di-n-butylphthalate	11.78	149	5695705	47.04	ng		97
74) Fluoranthene	12.40	202	4098884	40.56	ng		91
76) Benzidine	12.53	184	2018783	46.92	ng		98
77) Pyrene	12.63	202	4213539	53.71	ng		94
79) Butylbenzylphthalate	13.29	149	2448066	62.20	ng		99
80) Benzo(a)anthracene	13.86	228	3380512	48.54	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	1235224	48.67	ng	#	96
82) Chrysene	13.91	228	2893568	46.16	ng		98
83) Bis(2-ethylhexyl)phthalate	13.90	149	2951604	56.67	ng	#	98
84) Di-n-octyl phthalate	14.58	149	4262914	52.66	ng		95
85) Indeno(1,2,3-cd)pyrene	16.67	276	3598984	67.39	ng		99
87) Benzo(b)fluoranthene	14.99	252	2982311	42.73	ng	#	95
88) Benzo(k)fluoranthene	15.02	252	2577322m	44.87	ng		
89) Benzo(a)pyrene	15.33	252	2806860	48.72	ng	#	96
90) Dibenzo(a,h)anthracene	16.70	278	2966339	65.38	ng		96
91) Benzo(g,h,i)perylene	17.06	276	3110710	67.37	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089789.D
Acq On : 19 Aug 2016 11:41
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 12:09:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 11:53:44 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
umangi
8/19/2016 4:51:28 PM